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File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)  
(c) 2005 JPO & JAPIO  
File 348:EUROPEAN PATENTS 1978-2005/Feb W02  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20050217,UT=20050210  
(c) 2005 WIPO/Univentio  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200511  
(c) 2005 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.  
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(c) format only 2005 The Dialog Corp.  
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File 475:Wall Street Journal Abs 1973-2005/Feb 18  
(c) 2005 The New York Times  
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(c) 2002 The Gale Group  
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(c) 2005 Inst for Sci Info  
File 8:EI Compendex(R) 1970-2005/Jan W3  
(c) 2005 Elsevier Eng. Info. Inc.  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W2  
(c) 2005 Inst for Sci Info  
File 94:JICST-EPlus 1985-2005/Jan W2  
(c)2005 Japan Science and Tech Corp(JST)  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 9:Business & Industry(R) Jul/1994-2005/Feb 18  
(c) 2005 The Gale Group  
File 15:ABI/Inform(R) 1971-2005/Feb 22  
(c) 2005 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2005/Feb 21  
(c) 2005 The Gale Group  
File 20:Dialog Global Reporter 1997-2005/Feb 22  
(c) 2005 The Dialog Corp.  
File 148:Gale Group Trade & Industry DB 1976-2005/Feb 18  
(c)2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2005/Feb 21  
(c) 2005 The Gale Group  
File 476:Financial Times Fulltext 1982-2005/Feb 22  
(c) 2005 Financial Times Ltd  
File 610:Business Wire 1999-2005/Feb 21  
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File 624:McGraw-Hill Publications 1985-2005/Feb 22  
(c) 2005 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2005/Feb 19  
(c) 2005 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Feb 21  
(c) 2005 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 13:BAMP 2005/Feb W2  
(c) 2005 The Gale Group  
File 75:TGG Management Contents(R) 86-2005/Feb W2  
(c) 2005 The Gale Group  
File 990:NewsRoom Current Nov 1 -2005/Feb 22  
(c) 2005 The Dialog Corporation

Set	Items	Description
S1	7963	AU='KUMAR S':AU='KUMAR SA'
S2	39	AU='KUMAR SANJAI':AU='KUMAR SANJAY SMITHKLINE BEECHAM PHAR-
		M'
S3	121	AU='KUMAR SB':AU='KUMAR SE'
S4	28	AU='KUMAR SG':AU='KUMAR SH'
S5	414	AU='KUMAR SJ':AU='KUMAR SO'
S6	290	AU='KUMAR SP':AU='KUMAR SR'
S7	187	AU='KUMAR SS':AU='KUMAR STL'
S8	13	AU='KUMAR SU'
S9	41	AU='KUMAR SV'
S10	45	AU='KUMAR SVJ':AU='KUMAR SVS'
S11	5927	AU='KUMAR, S':AU='KUMAR, S. P. V.'
S12	270	AU='KUMAR, S. P. V.':AU='KUMAR, S. Y.'
S13	395	AU='KUMAR, S. Y.':AU='KUMAR, S, ANIL'
S14	292	AU='KUMAR, SANJAI':AU='KUMAR, SANJAYA'
S15	2	AU='KUMAR, SH.'
S16	3	AU='KUMAR, SI. BI'
S17	2164	AU='THOMAS S'
S18	13	AU='THOMAS S L':AU='THOMAS S LAPIKAS'
S19	5	AU='THOMAS S.'
S20	83	AU='THOMAS SL'
S21	4	AU='THOMAS STANTON L'
S22	22	AU='THOMAS, S'
S23	1191	AU='THOMAS, S.':AU='THOMAS, S. (EDITOR)'
S24	13	AU='THOMAS, S. III':AU='THOMAS, S. III.'
S25	24	AU='THOMAS, S. L.':AU='THOMAS, S. L. Y.'
S26	58	AU='THOMAS, S., III':AU='THOMAS, S., III.'
S27	28	AU='THOMAS, S.L.'
S28	33	AU='THOMAS, STAN'
S29	1	AU='THOMAS, STANTON'
S30	48	AU='DESHPANDE G':AU='DESHPANDE G M'
S31	1	AU='DESHPANDE G.'
S32	2	AU='DESHPANDE GAURAV M'
S33	27	AU='DESHPANDE, G.'
S34	1	AU='DESHPANDE, G. M.'
S35	1	AU='DESHPANDE, G.M.'
S36	0	AU='DESHPANDE, GAURAV'
S37	5	AU='MURTY V'
S38	11	AU='MURTY V V':AU='MURTY V.KUMAR'
S39	2	AU='MURTY VENKATAESH V'
S40	139	AU='MURTY VV':AU='MURTY VVVS'
S41	3	AU='MURTY, V.'
S42	36	AU='MURTY, V. V.':AU='MURTY, V. V. V. S.'

S43 14 AU='MURTY, V.V.':AU='MURTY, V.V.S.'  
 S44 5 AU='MURTY, V.V.S.':AU='MURTY, V.V.V.R.S.'  
 S45 1 AU='MURTY, VANKATAESH V.'  
 S46 6 AU='MURTY, VENKATAESH V.':AU='MURTY, VENKATESH V.'  
 S47 19943 S1:S46  
 S48 799 S47 FROM 347,348,349,350,371  
 S49 46 IC=G06F-017?  
 S50 46 S48 AND S49  
 S51 1327 ON(2W)(REQUEST OR DEMAND OR FLY) OR (AS OR WHEN)(2W)(NEEDED  
 OR REQUIRED) OR JUST(2W)TIME OR DYNAMIC? OR JIT OR TO()ORDER  
 OR REALTIME OR (REAL OR ACTUAL)()TIME OR ATP OR (AVAILABLE OR  
 CAPABLE)(2W)PROMISE  
 S52 13 S50 AND S51  
 S53 13 IDPAT (sorted in duplicate/non-duplicate order)  
 S54 10 IDPAT (primary/non-duplicate records only)  
 S55 19144 S47 NOT S48  
 S56 1253 S51 AND S55  
 S57 3 (LOCAL OR ONSITE OR ON()SITE)(3N)(DATABASE? ? OR DATABANK?  
 ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNO-  
 WLEDGE)() (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR K-  
 NOWLEDGEBASE)  
 S58 0 S56(S)S57  
 S59 427 DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR  
 (DATA OR INFORMATION OR KNOWLEDGE)() (BASE? ? OR BANK? ? OR SE-  
 T? ? OR FILE? ?) OR DB OR KNOWLEDGEBASE  
 S60 54 S56 AND S59  
 S61 13 S56(10N)S59  
 S62 10 S61 NOT PY>2000  
 S63 10 S62 NOT PD=20001006:20050331  
 S64 5 RD (unique items)  
 S65 15 S54 OR S64

65/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2005 European Patent Office. All rts. reserv.

01473232

FULFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA  
SYSTEME DE GESTION D'EXECUTION SERVANT A GERER DES DONNEES DALV  
PATENT ASSIGNEE:

i2 TECHNOLOGIES, INC., (2129162), 11701 Luna Road, Dallas, TX 75234, (US)  
, (Applicant designated States: all)

INVENTOR:

KUMAR, Sanjay , 107 Georgian Drive, Coppell, TX 75019, (US)  
THOMAS, Stanton, L. , 456 Lakeshore Boulevard, Incline Village, NE 89451  
, (US)  
DESHPANDE, Gaurav, M. , 3964 North Story Road, 1332, Irving, TX 75038,  
(US)  
MURTY, Venkataesh, V. , 7312 Boxwood Court, Irving, TX 75063, (US)

PATENT (CC, No, Kind, Date):

WO 2002029687 020411

APPLICATION (CC, No, Date): EP 2001981403 011005; WO 2001US31317 011005

PRIORITY (CC, No, Date): US 239397 P 001005

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

LANGUAGE (Publication,Procedural,Application): English; English; English

FULFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA

INVENTOR:

KUMAR, Sanjay ...

...US)

THOMAS, Stanton, L ...

...US)

DESHPANDE, Gaurav, M ...

...US)

MURTY, Venkataesh, V ...

INTERNATIONAL PATENT CLASS: G06F-017/60

65/3,K/3 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

015451936 \*\*Image available\*\*

WPI Acc No: 2003-514078/200348

Related WPI Acc No: 2003-494079; 2003-494080; 2003-514079; 2003-514080;

2003-514081; 2003-662736; 2003-662740; 2003-662743; 2003-662746;

2003-777869; 2003-902127; 2003-902136

XRPX Acc No: N03-408014

Asset transition project management e.g. information technology  
resources, where assets that are electronically connected to the  
computerized database are monitored

Patent Assignee: THOMAS S (THOM-I); WOODFIN M (WOOD-I)

Inventor: THOMAS S ; WOODFIN M

Number of Countries: 103 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200352557	A2	20030626	WO 2002US40601	A	20021218	200348 B
AU 2002346734	A1	20030630	AU 2002346734	A	20021218	200420
EP 1468374	A2	20041020	EP 2002784803	A	20021218	200469
			WO 2002US40601	A	20021218	

Priority Applications (No Type Date): US 2001342031 P 20011218

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200352557 A2 E 17 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM  
ZW

AU 2002346734 A1 G06F-000/00 Based on patent WO 200352557

EP 1468374 A2 E G06F-017/00 Based on patent WO 200352557

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Inventor: THOMAS S ...

Abstract (Basic):

... a transition occurs, information concerning the transition is  
input into the computerized database on a **real - time** basis during  
the implementation of the transition. The information input into the  
computerized database can...

...International Patent Class (Main): G06F-017/00

65/3,K/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014622589 \*\*Image available\*\*

WPI Acc No: 2002-443293/200247

Related WPI Acc No: 2002-383370; 2002-383371; 2002-383373; 2002-426137;  
2002-426138

XRPX Acc No: N02-349228

Order fulfillment management system for managing ATP data in  
distributed product supply chain environment, has ATP servers which  
retrieve product availability information based on component ATP  
request

Patent Assignee: I2 TECHNOLOGIES US INC (ITWO-N)

Inventor: DESHPANDE G M ; KUMAR S ; MURTY V V ; THOMAS S L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020042756	A1	20020411	US 2000238307	P	20001005	200247 B
			US 2001972383	A	20011004	

Priority Applications (No Type Date): US 2000238307 P 20001005; US  
2001972383 A 20011004

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020042756 A1 29 G06F-017/60 Provisional application US 2000238307

Order fulfillment management system for managing ATP data in  
distributed product supply chain environment, has ATP servers which  
retrieve product availability information based on component ATP  
request

Inventor: DESHPANDE G M ...

... KUMAR S ...

... MURTY V V ...

... THOMAS S L

Abstract (Basic):

... The ATP servers (14) retrieve a portion of product availability information from database, based on component ATP request received from a fulfillment server (16). The ATP servers determine an ATP response for each component ATP request, using the retrieved information, based on which a component quotation is generated and transmitted...

... An INDEPENDENT CLAIM is included for ATP data management method...

...For managing ATP data in distributed product supply chain environment

...chain, to concurrently and intelligently manage order promising and fulfillment for complex multiple line-item ATP requests. Provides instant quotations for multi-item requests, with reduced bandwidth and latency...

...The figure shows the block diagram explaining ATP request workflow...

... ATP server (14

...Title Terms: ATP ;

International Patent Class (Main): G06F-017/60

65/3,K/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014605433 \*\*Image available\*\*

WPI Acc No: 2002-426137/200245

Related WPI Acc No: 2002-383370; 2002-383371; 2002-383373; 2002-426138; 2002-443293

XRPX Acc No: N02-335078

**Distributed supply chain fulfillment system has processors for available -to- promise requests and database storing rules**

Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N); I2 TECHNOLOGIES US INC (ITWO-N)

Inventor: KAPADIA A C; KUMAR S ; SELF J L

Number of Countries: 097 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229522	A2	20020411	WO 2001US31338	A	20011005	200245 B
US 20020042755	A1	20020411	US 2000238307	A	20001005	200245
			US 2001972127	A	20011004	
AU 200196678	A	20020415	AU 200196678	A	20011005	200254

Priority Applications (No Type Date): US 2001972127 A 20011004; US 2000238307 P 20001005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200229522	A2	E	76	G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020042755	A1			G06F-017/60	Provisional application US 2000238307
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AU 200196678	A			G06F-000/00	Based on patent WO 200229522
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**Distributed supply chain fulfillment system has processors for available -to- promise requests and database storing rules**

...Inventor: KUMAR S

Abstract (Basic):

... sourcing constraint rules and customer contract current status contract values, and processors receiving and generating available -to- promise ( ATP ) requests using the rules with product attribute values. The requests are sent to suppliers identified...  
... is generated. The processors use HTTP, SNMP, XML, EDI, VAN or e-mail for the ATP request...  
...International Patent Class (Main): G06F-017/60

65/3,K/7 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014573702 \*\*Image available\*\*  
WPI Acc No: 2002-394406/200242  
XRPX Acc No: N02-309227

Fulfilment management system for managing available -to- promise ( ATP ) data in distributed supply chain environment; determines ATP response for each component ATP request using retrieved product availability information

Patent Assignee: I2 TECHNOLOGIES INC. (ITWO-N)  
Inventor: DESHPANDE G M ; KUMAR S ; MURTY V V ; THOMAS S L  
Number of Countries: 096 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229687	A1	20020411	WO 2001US31317	A	20011005	200242 B
AU 200213047	A	20020415	AU 200213047	A	20011005	200254
DE 10196755	T	20031120	DE 1096755	A	20011005	200378
			WO 2001US31317	A	20011005	

Priority Applications (No Type Date): US 2000239397 P 20001005

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200229687	A1	E	80	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200213047	A	G06F-017/60	Based on patent WO 200229687
DE 10196755	T	G06F-017/60	Based on patent WO 200229687

Fulfilment management system for managing available -to- promise ( ATP ) data in distributed supply chain environment; determines ATP response for each component ATP request using retrieved product availability information

Inventor: DESHPANDE G M ...

... KUMAR S ...

... MURTY V V ...

... THOMAS S L

Abstract (Basic):

... One or more processors (650) collectively operable to e.g. receive at least one component available -to- promise ( ATP ) request corresponding to an ATP request line-item for a desired product. From the database it may be retrieved at...

...a portion of the product availability information associated with the

desired product for each component ATP request.  
 ... a) a computer implemented method for managing available -to-  
 promise ( ATP ) data...  
 ...b) a software for managing available -to- promise ( ATP ) data in a  
 distributed supply chain planning environment and embodied on a  
 computer readable medium...  
 ...In supply chain management, order fulfilment, and planning, for managing  
 available -to- promise ( ATP ) data in a distributed supply chain  
 environment...  
 ...assist a fulfilment server in managing order promising and fulfilment  
 for complex multiple line-item ATP requests from a potentially very  
 large number of clients according to specified user, customer, supplier  
 ...  
 ...The drawing illustrates an example of a local fulfilment manager for  
 managing an available to promise data in a distributed supply chain  
 environment...  
 ...Title Terms: ATP ;  
 International Patent Class (Main): G06F-017/60

65/3,K/10 (Item 8 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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013121023 \*\*Image available\*\*  
 WPI Acc No: 2000-292894/200025  
 XRPX Acc No: N00-219648

**Automatic management system for distributed supply chain planning  
 environment; communicates quotation to client after receiving ATP  
 request from one of clients**

Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N)  
 Inventor: JOINER H V; KENNEDY B M; THOMAS S L  
 Number of Countries: 089 Number of Patents: 007  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200017795	A1	20000330	WO 99US21532	A	19990917	200025 B
AU 9959273	A	20000410	AU 9959273	A	19990917	200035
EP 1114383	A1	20010711	EP 99946980	A	19990917	200140
			WO 99US21532	A	19990917	
KR 2001085823	A	20010907	KR 2001703529	A	20010319	200218
MX 2001002867	A1	20010701	MX 20012867	A	20010319	200236
TW 464815	A	20011121	TW 99116100	A	19991011	200248
JP 2002525758	W	20020813	WO 99US21532	A	19990917	200267
			JP 2000571385	A	19990917	

Priority Applications (No Type Date): US 98100964 P 19980918  
 Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200017795	A1	E	76	G06F-017/60	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 9959273	A			G06F-017/60	Based on patent WO 200017795
EP 1114383	A1	E		G06F-017/60	Based on patent WO 200017795
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
KR 2001085823	A			G06F-017/60	
MX 2001002867	A1			G06F-017/60	
TW 464815	A			G06F-017/60	
JP 2002525758	W		84	G06F-017/60	Based on patent WO 200017795



Automatic management system for distributed supply chain planning environment; communicates quotation to client after receiving ATP request from one of clients

...Inventor: THOMAS S L

Abstract (Basic):

... according to the component quotation, and communicates the quotation to a client after receiving an ATP request from one of the clients (12). The ATP request includes multiple request line items corresponding to a desired product.

... The fulfillment server receives component quotations from local fulfillment managers (22), corresponding to a component ATP request and including product availability information for the corresponding desired product. The component ATP requests are generated by the fulfillment server based on the request line items, and communicated to at least one of multiple local fulfillment managers. INDEPENDENT CLAIMS...

...c) and a method for automatically managing ATP data in distributed supply chain planning environment...

...For available to promise (ATP) data in distributed supply chain planning environment...

...into extended supply chain operations since each client is provided with a single interface for ATP requests, quotation confirmations, and promise acceptances that might rely on and affect ATP product allocation, material availability, or capacity availability at ATP servers and associated planning. Minimizes necessary communications between the fulfillment server and the local fulfillment...

...The figure shows the block diagram of the automatic management system for ATP data in distributed supply chain planning environment...

...Title Terms: ATP ;

International Patent Class (Main): G06F-017/60

65/3,K/14 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5215161 INSPEC Abstract Number: C9605-6160-002

Title: Integrating standard transactions in firm real - time database systems

Author(s): Thomas, S.; Seshadri, S.; Haritsa, J.R.

Author Affiliation: Dept. of Comput. Sci. & Eng., Indian Inst. of Technol., Bombay, India

Journal: Information Systems vol.21, no.1 p.3-28

Publisher: Elsevier,

Publication Date: March 1996 Country of Publication: UK

CODEN: INSYD6 ISSN: 0306-4379

SICI: 0306-4379(199603)21:1L3:ISTF;1-M

Material Identity Number: I275-96002

U.S. Copyright Clearance Center Code: 0306-4379/96/\$15.00+0.00

Language: English

Subfile: C

Copyright 1996, IEE

Title: Integrating standard transactions in firm real - time database systems

Abstract: Real - time database systems are designed to handle workloads where transactions have completion deadlines and the goal is to meet these deadlines. However, many real - time database environments are characterized by workloads that are a mix of real time and standard

(non-real-time). Unfortunately, the system policies used to meet the performance goals...

...based protocols are suited for standard transactions. In this paper, the authors present a new **database** system architecture in which **real - time** transactions use optimistic concurrency control and, simultaneously, standard transactions use locking. The authors prove that...

...Identifiers: firm **real - time database** system...

65/AA,AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01473232  
FULFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA  
SYSTEME DE GESTION D'EXECUTION SERVANT A GERER DES DONNEES DALV  
APPLICATION (CC, No, Date): EP 2001981403 011005; WO 2001US31317 011005  
PRIORITY (CC, No, Date): US 239397 P 001005

65/AA,AN,AZ,TI/2 (Item 1 from file: 349)  
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

01060174  
INTEGRATED VISUALIZATION OF SECURITY INFORMATION FOR AN INDIVIDUAL  
VISUALISATION INTEGREE D'INFORMATION DE SECURITE DESTINEE A UN INDIVIDU  
Application: WO 2003US12088 20030417 (PCT/WO US0312088)

65/AA,AN,AZ,TI/3 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015451936  
WPI Acc No: 2003-514078/  
Asset transition project management e.g. information technology  
resources, where assets that are electronically connected to the  
computerized database are monitored  
Local Applications (No Type Date): WO 2002US40601 A 20021218; AU 2002346734  
A 20021218; EP 2002784803 A 20021218; WO 2002US40601 A 20021218  
Priority Applications (No Type Date): US 2001342031 P 20011218

65/AA,AN,AZ,TI/4 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015060778  
WPI Acc No: 2003-121294/  
Providing mobile and electronic commerce in heterogeneous network  
environment using convergent communications platform to authorize service  
provision for roaming subscriber  
Local Applications (No Type Date): WO 2002GB2997 A 20020628; EP 2002738410  
A 20020628; WO 2002GB2997 A 20020628; AU 2002311491 A 20020628; BR  
200211306 A 20020628; WO 2002GB2997 A 20020628; TW 2002114262 A 20020628;  
WO 2002GB2997 A 20020628; JP 2003509751 A 20020628; CN 2002813067 A  
20020628; WO 2002GB2997 A 20020628; HU 2004342 A 20020628  
Priority Applications (No Type Date): US 200296912 A 20020314; US  
2001894890 A 20010629

65/AA,AN,AZ,TI/5 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014622589  
WPI Acc No: 2002-443293/  
Order fulfillment management system for managing ATP data in  
distributed product supply chain environment, has ATP servers which  
retrieve product availability information based on component ATP  
request  
Local Applications (No Type Date): US 2000238307 P 20001005; US 2001972383  
A 20011004  
Priority Applications (No Type Date): US 2000238307 P 20001005; US  
2001972383 A 20011004

65/AA,AN,AZ,TI/6 (Item 4 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014605433

WPI Acc No: 2002-426137/

**Distributed supply chain fulfillment system has processors for available -to- promise requests and database storing rules**

Local Applications (No Type Date): WO 2001US31338 A 20011005; US 2000238307 A 20001005; US 2001972127 A 20011004; AU 200196678 A 20011005

Priority Applications (No Type Date): US 2001972127 A 20011004; US 2000238307 P 20001005

65/AA,AN,AZ,TI/7 (Item 5 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014573702

WPI Acc No: 2002-394406/

**Fulfilment management system for managing available -to- promise ( ATP ) data in distributed supply chain environment; determines ATP response for each component ATP request using retrieved product availability information**

Local Applications (No Type Date): WO 2001US31317 A 20011005; AU 200213047 A 20011005; DE 1096755 A 20011005; WO 2001US31317 A 20011005

Priority Applications (No Type Date): US 2000239397 P 20001005

65/AA,AN,AZ,TI/8 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014154255

WPI Acc No: 2001-638474/

**Interactive user interface system for internet navigation, selects issue from drop-down menu based on which vacant data fields are filled**

Local Applications (No Type Date): US 98208740 A 19981208; US 99323598 A 19990601; US 99425626 A 19991022; US 2000698708 A 20001027; US 2001758880 A 20010110; WO 2002US3114 A 20020109; AU 2002242080 A 20020109

Priority Applications (No Type Date): US 2001758880 A 20010110; US 98208740 A 19981208; US 99323598 A 19990601; US 99425626 A 19991022; US 2000698708 A 20001027

65/AA,AN,AZ,TI/9 (Item 7 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013587236

WPI Acc No: 2001-071443/

**New computer-implemented system for simulating occurrence and metastases of human cancer**

Local Applications (No Type Date): WO 2000US17810 A 20000629; AU 200058976 A 20000629; EP 2000944968 A 20000629; WO 2000US17810 A 20000629; WO 2000US17810 A 20000629; JP 2001505803 A 20000629

Priority Applications (No Type Date): US 99141006 P 19990629

65/AA,AN,AZ,TI/10 (Item 8 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013121023

WPI Acc No: 2000-292894/

**Automatic management system for distributed supply chain planning environment; communicates quotation to client after receiving ATP request from one of clients**

Local Applications (No Type Date): WO 99US21532 A 19990917; AU 9959273 A 19990917; EP 99946980 A 19990917; WO 99US21532 A 19990917; KR 2001703529 A 20010319; MX 20012867 A 20010319; TW 99116100 A 19991011; WO 99US21532

65/AA,AN,AZ,TI/11 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

6460991 INSPEC Abstract Number: C2000-02-6160Z-026  
Title: On optimistic concurrency control for RTDBS

65/AA,AN,AZ,TI/12 (Item 2 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

6460963 INSPEC Abstract Number: B2000-02-8110-020, C2000-02-7410B-096  
Title: Digital simulation of power systems

65/AA,AN,AZ,TI/13 (Item 3 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

6321531 INSPEC Abstract Number: B1999-09-8540E-005  
Title: ARX and AFMM model-based on-line real - time data base  
diagnosis of sudden fault in AHU of VAV system

65/AA,AN,AZ,TI/14 (Item 4 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

5215161 INSPEC Abstract Number: C9605-6160-002  
Title: Integrating standard transactions in firm real - time database  
systems

65/AA,AN,AZ,TI/15 (Item 5 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

4785266 INSPEC Abstract Number: C9411-7330-117  
Title: Physical Map Assembler: an active OODB system for human genome  
applications

?show files;ds  
 File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)  
 (c) 2005 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200511  
 (c) 2005 Thomson Derwent  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	2495384	FULFILLMENT OR SUPPLY OR SUPPLYCHAIN OR PRODUCTION OR ORDER??? OR PURCHAS??? OR (GET? ? OR GETTING OR BUY??? OR OBTAIN? - ?? OR PROCUR?) (3N) (GOODS OR SUPPLIES OR COMPONENTS OR RAW() MATERIALS)
S2	109659	JUST(2W)TIME OR JIT OR (AVAILABLE OR CAPABLE) (2W)PROMISE OR ATP OR AATP OR CTP OR ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR TO()ORDER
S3	364180	FRONT()END OR FRONTEND OR INTERFACE OR GUI OR (GRAPHIC?? OR SYMBOL?? OR VISUAL) () (REPRESENTATION? OR DISPLAY???) OR WYSIWYG
S4	229567	BACK()END OR BACKEND? ? OR DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE - ) () (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR RDBMS OR DBMS OR OODB OR KNOWLEDGEBASE
S5	1228305	COHEREN?? OR (DATA OR INFORMATION OR CONTENT) (3N) INTEGRITY OR INTEGRAT??? OR CONCURREN?? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNCHRONIC? OR SYNC??? OR CONFORM? OR CORRELAT? - ?? OR CORELAT??? OR CONGRUITY
S6	4908103	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MORE OR SOME OR FEW OR NUMEROUS OR MANY OR PROFUSION OR NUMBER OR QUANTIT - ??? OR MYRIAD OR MULTITUDINOUS
S7	5125752	PROCESS?R? ? OR COMPUTER? ? OR SERVER? ? OR FILESERVER? ? - OR DRIVE? ? OR HARDDRIVE? ? OR WEBSERVER? ? OR CPU? ? OR SYSTEM? ? OR TIMESERVER?
S8	811	S2(10N) (S1(5N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR ORGANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR OPERAT??? OR PLAN? ? OR PLANNING))
S9	161	S5(10N) (S3(10N)S4)
S10	337856	S6(7N)S7
S11	0	S8(S)S9(S)S10
S12	0	S8 AND S9 AND S10
S13	1656	S2(20N) (S1(10N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR ORGANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR OPERAT??? OR PLAN? ? OR PLANNING))
S14	321	S5(20N) (S3(20N)S4)
S15	415782	S6(10N)S7
S16	0	S13 AND S14 AND S15
S17	437004	S6(10N) (S4 OR S5 OR S10)
S18	23	S8(S)S17
S19	128	S13 AND S17
S20	313011	IC=G06F-017?
S21	39	S19 AND S20
S22	55	S18 OR S21
S23	64	S8 AND S17
S24	24	S20 AND S23
S25	40	S18 OR S24
S26	40	IDPAT (sorted in duplicate/non-duplicate order)
S27	40	IDPAT (primary/non-duplicate records only)

27/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016320728 \*\*Image available\*\*  
WPI Acc No: 2004-478623/200445  
XRPX Acc No: N04-377319

**One-to-many business process interaction managing method, involves  
accessing services by enterprises based on predefined relationship  
through private exchange, and fulfilling requests using on - demand  
supply chain management system**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: MEKA S; PATEL U H

Number of Countries: 106 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040111304	A1	20040610	US 2002309447	A	20021204	200445 B
WO 200451433	A2	20040617	WO 2003US38560	A	20031204	200445
AU 2003298877	A1	20040623	AU 2003298877	A	20031204	200472

Priority Applications (No Type Date): US 2002309447 A 20021204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20040111304	A1		13	G06F-017/60	
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WO 200451433	A2	E		G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO  
NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ  
VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR  
GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR  
TZ UG ZM ZW

AU 2003298877	A1			G06F-017/60	Based on patent WO 200451433
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... **accessing services by enterprises based on predefined relationship  
through private exchange, and fulfilling requests using on - demand  
supply chain management system**

Abstract (Basic):

... relationship through a private exchange system. The requests are  
fulfilled by the enterprises using an **on - demand supply chain  
management system** operable through an entitlement engine.

... 1) an information management **system** configured to **integrate**  
a one-to- **many** business process interaction...

...Used for managing a one-to-many business process interaction using an  
**on - demand supply chain management system** among enterprises who  
are customers of and suppliers to each other (claimed...

...International Patent Class (Main): **G06F-017/60**

27/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016143718 \*\*Image available\*\*  
WPI Acc No: 2004-301594/200428  
XRPX Acc No: N04-239877

**Reasonable inventory quantity calculation method for online inventory  
management, involves defining production quantity based on simulation  
plan and insufficient throughput level so as to generate final plan**

Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004118429	A	20040415	JP 2002279330	A	20020925	200428 B

Priority Applications (No Type Date): JP 2002279330 A 20020925

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004118429	A	18	G05B-019/418	

Abstract (Basic):

... The insufficient throughput for each product is estimated based on the selection rules. **Production plan** for each product is simulated based on the forecasted **demand**. The production quantity is defined based on the **plan** and throughput level. A final **production plan** is generated to convert the deficit amount into the required demand value. Based on the...

... An INDEPENDENT CLAIM is also included for reasonable inventory **quantity calculation system**.

...The figure shows a block diagram of **computer system** used in inventory **quantity** estimation. (Drawing includes non-English language text

...International Patent Class (Additional): G06F-017/60

27/3,K/6 (Item 6 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2005 Thomson Derwent. All rts. reserv.

016012187  
 WPI Acc No: 2004-170038/200417  
 XRPX Acc No: N04-135428

**Operation and control system and method**

Patent Assignee: XUAN Y (XUAN-I)  
 Inventor: FENG H; XUAN Y  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1456950	A	20031119	CN 2002118737	A	20020505	200417 B

Priority Applications (No Type Date): CN 2002118737 A 20020505

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1456950	A		G05B-017/00	

Abstract (Basic):

... calculated out by the signal processor and the relevant control instruction is issued to the **controlled part to order** it to carry on movement as being instructed.

27/3,K/7 (Item 7 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2005 Thomson Derwent. All rts. reserv.

015982147 \*\*Image available\*\*  
 WPI Acc No: 2004-139997/200414  
 XRPX Acc No: N04-111936

**Production plan generation system e.g. in iron/steel manufacturing facility, has multiple information terminals to generate production planning information based on production cycle calender**

Patent Assignee: KAWASAKI STEEL CORP (KAWI )  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 2004038326 A 20040205 JP 2002191335 A 20020628 200414 B

Priority Applications (No Type Date): JP 2002191335 A 20020628

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2004038326 A 45 G05B-019/418

**Production plan generation system e.g. in iron/steel manufacturing facility, has multiple information terminals to generate production planning information based on production cycle calender**

Abstract (Basic):

... production cycle calender in which manufacture timing of product in each production facility is setup. Multiple information processing terminals generate production planning information based on the production demand and the output of the management unit.  
International Patent Class (Additional): G06F-017/60 ...

27/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015682775 \*\*Image available\*\*

WPI Acc No: 2003-744964/200370

XRPX Acc No: N03-596697

**Serially aligning database transaction method involves transmitting predetermined data stored in database to another database using trigger during final transaction of database**

Patent Assignee: PARKKINEN J (PARK-I)

Inventor: PARKKINEN J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030145021	A1	20030731	US 200259140	A	20020131	200370 B

Priority Applications (No Type Date): US 200259140 A 20020131

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030145021 A1 18 G06F-017/30

Abstract (Basic):

... Improves the performance and controls the multi database system by aligning the database with respect to order of transaction.  
Establishes direct cooperation between the multiple database .

International Patent Class (Main): G06F-017/30

27/3,K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015191184 \*\*Image available\*\*

WPI Acc No: 2003-251718/200325

XRPX Acc No: N03-199831

**Internet-based agricultural information management support system generates optimum production plan on receiving request signal from client terminal, by referring to database**

Patent Assignee: DOKURITSU GYOSEI HOJIN NOGYO SEIBUTSU SH (DOKU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003030278	A	20030131	JP 2001220418	A	20010719	200325 B

Priority Applications (No Type Date): JP 2001220418 A 20010719

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2003030278 A 24 G06F-017/60

**Internet-based agricultural information management support system  
generates optimum production plan on receiving request signal  
from client terminal, by referring to database**

Abstract (Basic):

... A database stores several information tables such as  
agricultural products information, machine operation table, required  
for agricultural management support. A generation unit generates an  
optimal production plan on receiving a request signal from a  
client terminal, by referring to the database.

International Patent Class (Main): G06F-017/60

27/3,K/16 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014776124 \*\*Image available\*\*  
WPI Acc No: 2002-596830/200264

**Method for operating database according to order in integrated  
fashion commodity management system**

Patent Assignee: FSCM INC (FSCM-N)

Inventor: KIM S H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002019718	A	20020313	KR 200052727	A	20000906	200264 B

Priority Applications (No Type Date): KR 200052727 A 20000906

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2002019718 A 1 G06F-017/60

**Method for operating database according to order in integrated  
fashion commodity management system**

Abstract (Basic):

... terminal capable of inputting an order of a commodity(S100). An  
on-line shopping mall server receives the order and grants an order  
number to it(S110). The shopping mall server creates an order master  
table for the order and order detail tables for the commodities...

International Patent Class (Main): G06F-017/60

27/3,K/18 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

014573702 \*\*Image available\*\*  
WPI Acc No: 2002-394406/200242  
XRPX Acc No: N02-309227

**Fulfilment management system for managing available-to-promise (ATP) data  
in distributed supply chain environment; determines ATP response for each  
component ATP request using retrieved product availability information**

Patent Assignee: I2 TECHNOLOGIES INC (ITWO-N)

Inventor: DESHPANDE G M; KUMAR S; MURTY V V; THOMAS S L

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200229687	A1	20020411	WO 2001US31317	A	20011005	200242 B
AU 200213047	A	20020415	AU 200213047	A	20011005	200254
DE 10196755	T	20031120	DE 1096755	A	20011005	200378

Priority Applications (No Type Date): US 2000239397 P 20001005

## Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200229687 A1 E 80 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200213047 A G06F-017/60 Based on patent WO 200229687

DE 10196755 T G06F-017/60 Based on patent WO 200229687

## Abstract (Basic):

... A database (658) stores product availability information  
 associated with at least one product. One or more processors (650)  
 collectively operable to e.g. receive at least one component  
 available-to-promise (ATP...  
 ... b) a software for managing available -to- promise ( ATP ) data  
 in a distributed supply chain planning environment and embodied on  
 a computer readable medium...

...In supply chain management , order fulfilment, and planning , for  
 managing available -to- promise ( ATP ) data in a distributed supply  
 chain environment...

...May assist a fulfilment server in managing order promising and  
 fulfilment for complex multiple line-item ATP requests from a  
 potentially very large number of clients according to specified user,  
 customer, supplier...

International Patent Class (Main): G06F-017/60

27/3,K/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014112649 \*\*Image available\*\*

WPI Acc No: 2001-596861/200167

XRPX Acc No: N01-444995

Transaction processing method using an order request servicing system  
 for routing order requests to one or more order request management  
 systems

Patent Assignee: PCORDER.COM (PCOR-N)

Inventor: GILBERT P G; GOLDFEIN J E; POSTELNIK I

Number of Countries: 093 Number of Patents: 002

## Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200167348	A2	20010913	WO 2001US6761	A	20010302	200167 B
AU 200147260	A	20010917	AU 200147260	A	20010302	200204

Priority Applications (No Type Date): US 2000518766 A 20000303

## Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200167348 A2 E 41 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
 CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
 RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200147260 A G06F-017/60 Based on patent WO 200167348

Transaction processing method using an order request servicing system  
for routing order requests to one or more order request management  
systems

Abstract (Basic):

... The method involves receiving an order request. At least one  
order request management system (ORMS) is selected from several  
ORMSs based on the order request. If only one ORMS is selected the  
order request is processed to generate a processed...  
... Allows merchant's systems to communicate with multiple  
sources, including other parties' order request management systems.

International Patent Class (Main): G06F-017/60

27/3,K/34 (Item 34 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

010428764 \*\*Image available\*\*  
WPI Acc No: 1995-330084/199543  
XRPX Acc No: N95-248419

Management system for collection of resources distributed over  
multiple geographic sites - has number of servers each serving PCs  
and allows user of one server to down-load resources from other servers  
and launch program after down-loading  
Patent Assignee: AT & T GLOBAL INFORMATION SOLUTIONS INT (AMTT ); NCR INT  
INC (NATC )

Inventor: SIEFERT D M  
Number of Countries: 005 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 674280	A2	19950927	EP 95301819	A	19950320	199543 B
JP 7287681	A	19951031	JP 9564626	A	19950323	199601
EP 674280	A3	19960327	EP 95301819	A	19950320	199624
US 5564043	A	19961008	US 94217422	A	19940324	199646

Priority Applications (No Type Date): US 94217422 A 19940324

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 674280	A2	E	119	G06F-017/30	
Designated States (Regional): DE FR GB					
JP 7287681	A		72	G06F-013/00	
US 5564043	A		115	G06F-017/30	
EP 674280	A3			G06F-017/30	

Management system for collection of resources distributed over  
multiple geographic sites...

...has number of servers each serving PCs and allows user of one server  
to down-load resources from other...

...Abstract (Basic): The system for managing a collection of resources  
(3,4,6,14) distributed over multiple geographic sites includes a  
number of servers each serving one or more PCs (1). The system  
allows each PC to store one or more profiles detailing the contents  
of one or more resources (3,4,6,15) in the server serving that PC  
(1). The system further allows the user of each PC to search...

...ADVANTAGE - Launching computer program on down-load of data created by  
program in automated resource management system. Allows user to  
order resource held by repository which is down-loaded to user...

...Abstract (Equivalent): a) storing data in SERVERs located at multiple  
sites...

...International Patent Class (Main): G06F-017/30

27/3,K/39 (Item 39 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07079245 \*\*Image available\*\*  
METHOD AND SYSTEM FOR **ON** -LINE BUSINESS **REQUEST** / **ORDER** RECEPTION, HOST  
SERVER, APPLICANT CLIENT, **OPERATOR** CLIENT AND COMPUTER READABLE RECORDING  
MEDIUM WITH PROGRAM RECORDED THEREON

PUB. NO.: 2001-306892 [JP 2001306892 A]  
PUBLISHED: November 02, 2001 (20011102)  
INVENTOR(s): UEGAKI TAKAHIRO  
SUEMURA KOJI  
MIYAO KATSUMI  
APPLICANT(s): MITSUBISHI CHEMICALS CORP  
APPL. NO.: 2000-119222 [JP 2000119222]  
FILED: April 20, 2000 (20000420)

METHOD AND SYSTEM FOR **ON** -LINE BUSINESS **REQUEST** / **ORDER** RECEPTION, HOST  
SERVER, APPLICANT CLIENT, **OPERATOR** CLIENT AND COMPUTER READABLE RECORDING  
MEDIUM WITH PROGRAM RECORDED THEREON

INTL CLASS: G06F-017/60

ABSTRACT

... the order receiver start an analysis when the applicant approves an  
estimated amount in a **server** client **system** among **many** user terminals  
connected to a network.

SOLUTION: An order receiving host 11 is provided with...

27/AN,AZ,TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016320728

One-to-many business process interaction managing method, involves  
accessing services by enterprises based on predefined relationship  
through private exchange, and fulfilling requests using on - demand  
supply chain management system  
Local Applications (No Type Date): US 2002309447 A 20021204; WO 2003US38560  
A 20031204; AU 2003298877 A 20031204  
Priority Applications (No Type Date): US 2002309447 A 20021204

27/AN,AZ,TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016300052

Production plan preparation method for hard disk drive manufacture,  
involves calculating number of available stock based on amount of yield  
of component and determining component production requirement based on  
demand of product  
Local Applications (No Type Date): JP 2002340277 A 20021125  
Priority Applications (No Type Date): JP 2002340277 A 20021125

27/AN,AZ,TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016216893

Cooling method for computer system room involves controlling temperatures  
within computer system room through air delivery from heat exchanger unit  
to room in response to detection of temperatures in one or more locations  
in room  
Local Applications (No Type Date): US 2002210040 A 20020802; US 2003697697  
A 20031031  
Priority Applications (No Type Date): US 2002210040 A 20020802; US  
2003697697 A 20031031

27/AN,AZ,TI/4 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016198514

Cooling method for computer system room involves controlling temperatures  
within computer system room through air delivery from heat exchanger unit  
to room based on detection of temperatures in one or more locations in  
room  
Local Applications (No Type Date): US 2002210040 A 20020802; US 2003697691  
A 20031031  
Priority Applications (No Type Date): US 2002210040 A 20020802; US  
2003697691 A 20031031

27/AN,AZ,TI/5 (Item 5 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016143718

Reasonable inventory quantity calculation method for online inventory  
management, involves defining production quantity based on simulation  
plan and insufficient throughput level so as to generate final plan  
Local Applications (No Type Date): JP 2002279330 A 20020925  
Priority Applications (No Type Date): JP 2002279330 A 20020925

27/AN,AZ,TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016012187

**Operation and control system and method**

Local Applications (No Type Date): CN 2002118737 A 20020505

Priority Applications (No Type Date): CN 2002118737 A 20020505

**27/AN,AZ,TI/7 (Item 7 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015982147

**Production plan generation system e.g. in iron/steel manufacturing facility, has multiple information terminals to generate production planning information based on production cycle calender**

Local Applications (No Type Date): JP 2002191335 A 20020628

Priority Applications (No Type Date): JP 2002191335 A 20020628

**27/AN,AZ,TI/8 (Item 8 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015682775

**Serially aligning database transaction method involves transmitting predetermined data stored in database to another database using trigger during final transaction of database**

Local Applications (No Type Date): US 200259140 A 20020131

Priority Applications (No Type Date): US 200259140 A 20020131

**27/AN,AZ,TI/9 (Item 9 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015648973

**Field device controller for e.g. petroleum refinery plants has memory storing programming routines to be executed on processor**

Local Applications (No Type Date): US 200274304 A 20020212; DE 1005643 A 20030211; GB 20033106 A 20030212; JP 200376579 A 20030212; CN 2003120663 A 20030212

Priority Applications (No Type Date): US 200274304 A 20020212

**27/AN,AZ,TI/10 (Item 10 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015627837

**Remote materials management system, has customer order receiver comparing data point attribute to order data point and fulfillment station updating data point attributes by barcode reading**

Local Applications (No Type Date): WO 2003US5703 A 20030224; US 2002358784 P 20020222; US 2003373296 A 20030224; AU 2003225602 A 20030224

Priority Applications (No Type Date): US 2002358784 P 20020222; US 2003373296 A 20030224

**27/AN,AZ,TI/11 (Item 11 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015540806

**Goods transportation management system generates display information corresponding to number of goods to be delivered and number of delivered goods with respect to each orderer**

Local Applications (No Type Date): JP 2002327288 A 20021111

Priority Applications (No Type Date): JP 2001402149 A 20011126

27/AN,AZ,TI/12 (Item 12 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015534847

Utility backup system for automated industrial mechanical systems, has multiple separate units supplying each utility as needed and software control actuating response to supply failure  
Local Applications (No Type Date): US 9871784 P 19980119; US 99233219 A 19990119; US 2002156743 A 20020528  
Priority Applications (No Type Date): US 9871784 P 19980119; US 99233219 A 19990119; US 2002156743 A 20020528

27/AN,AZ,TI/13 (Item 13 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015191184

Internet-based agricultural information management support system generates optimum production plan on receiving request signal from client terminal, by referring to database  
Local Applications (No Type Date): JP 2001220418 A 20010719  
Priority Applications (No Type Date): JP 2001220418 A 20010719

27/AN,AZ,TI/14 (Item 14 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015156747

Sequentiality guarantee method for asynchronous data transmission, involves adding order number published on request from data transmission group, to data and transmitting data to data receiver group for sequential processing  
Local Applications (No Type Date): JP 2001230966 A 20010731  
Priority Applications (No Type Date): JP 2001230966 A 20010731

27/AN,AZ,TI/15 (Item 15 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

015084953

System for managing glycosuria and ordering customized internet menu for glycosuria patient  
Local Applications (No Type Date): KR 200110664 A 20010228  
Priority Applications (No Type Date): KR 200110664 A 20010228

27/AN,AZ,TI/16 (Item 16 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014776124

Method for operating database according to order in integrated fashion commodity management system  
Local Applications (No Type Date): KR 200052727 A 20000906  
Priority Applications (No Type Date): KR 200052727 A 20000906

27/AN,AZ,TI/17 (Item 17 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014640610

B2b e-commerce system and method using payment way according to order division  
Local Applications (No Type Date): KR 200038837 A 20000707  
Priority Applications (No Type Date): KR 200038837 A 20000707



27/AN,AZ,TI/18 (Item 18 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014573702

Fulfilment management system for managing available-to-promise (ATP) data in distributed supply chain environment; determines ATP response for each component ATP request using retrieved product availability information  
Local Applications (No Type Date): WO 2001US31317 A 20011005; AU 200213047 A 20011005; DE 1096755 A 20011005; WO 2001US31317 A 20011005  
Priority Applications (No Type Date): US 2000239397 P 20001005

27/AN,AZ,TI/19 (Item 19 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014348937

System for electronic commercial transaction having e-mail address searching function and method thereof  
Local Applications (No Type Date): KR 200018719 A 20000410  
Priority Applications (No Type Date): KR 200018719 A 20000410

27/AN,AZ,TI/20 (Item 20 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

014112649

Transaction processing method using an order request servicing system for routing order requests to one or more order request management systems  
Local Applications (No Type Date): WO 2001US6761 A 20010302; AU 200147260 A 20010302  
Priority Applications (No Type Date): US 2000518766 A 20000303

27/AN,AZ,TI/21 (Item 21 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013918566

Business model includes search section to search database which stores management information of goods based on search demand input through relay sections  
Local Applications (No Type Date): JP 99309392 A 19991029  
Priority Applications (No Type Date): JP 99309392 A 19991029

27/AN,AZ,TI/22 (Item 22 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013918556

On-line shopping system includes management server which records purchase data in customer database, while notifying reservation number to customer terminal  
Local Applications (No Type Date): JP 99304666 A 19991026  
Priority Applications (No Type Date): JP 99304666 A 19991026

27/AN,AZ,TI/23 (Item 23 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013744436

Data processing for drafting production planning, involves detecting ID data, unit price data, and number data of required item from component data and item data, and generating order money data

Local Applications (No Type Date): JP 9988841 A 19990330  
Priority Applications (No Type Date): JP 9988841 A 19990330

27/AN,AZ,TI/24 (Item 24 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013302498

Wire concentrator in control center of base station of wireless local circuit system is capable of expanding on random basis the number of external lines

Local Applications (No Type Date): TW 98112299 A 19980728  
Priority Applications (No Type Date): TW 98112299 A 19980728

27/AN,AZ,TI/25 (Item 25 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012877157

Video on-demand system for communication - controls power supply to servers depending on number of working terminals connected by controller

Local Applications (No Type Date): JP 9928531 A 19990205; JP 9928531 A 19990205; US 99245761 A 19990208  
Priority Applications (No Type Date): JP 9825917 A 19980206

27/AN,AZ,TI/26 (Item 26 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012507918

Medical therapy or treatment apparatus - has central on and off control device for operating system components using only one on or off control signal

Local Applications (No Type Date): DE 1050105 A 19971112  
Priority Applications (No Type Date): DE 1050105 A 19971112

27/AN,AZ,TI/27 (Item 27 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012405733

Fuel injection control apparatus for jump spark ignition type internal combustion engine - approves supply of fuel injection control output when signal indicating closed stage of inlet valve is generated and then supply of that output is forbidden

Local Applications (No Type Date): JP 97207913 A 19970801  
Priority Applications (No Type Date): JP 97207913 A 19970801

27/AN,AZ,TI/28 (Item 28 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012253327

Voltage regulation within an integrated circuit package - has integrated circuit device and voltage converter embedded within the package and encapsulated in polymer

Local Applications (No Type Date): US 96769644 A 19961216  
Priority Applications (No Type Date): US 96769644 A 19961216

27/AN,AZ,TI/29 (Item 29 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012074158

Simulator for steam power generating plant - has decision unit which

determines adjustment conditions of data for changing state of plant model and of appropriate adjustment conditions to simultaneous operations of automatic parameter adjustment units

Local Applications (No Type Date): JP 9715015 A 19970129

Priority Applications (No Type Date): JP 9715015 A 19970129

27/AN,AZ,TI/30 (Item 30 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011885150

Integrated production support system for plants - has notice information display controller which receives notice information to be displayed from production support information management unit based on output search request

Local Applications (No Type Date): JP 96253582 A 19960925

Priority Applications (No Type Date): JP 96253582 A 19960925

27/AN,AZ,TI/31 (Item 31 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011803216

Hydraulic drive unit for actuating number of actuator groups - has directional control shunt switching unit to switch one directional control shunt valve to cut off supply to its flow circuit and direct flow to other flow circuit as and when needed vice versa

Local Applications (No Type Date): JP 96224130 A 19960826

Priority Applications (No Type Date): JP 96224130 A 19960826

27/AN,AZ,TI/32 (Item 32 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011612703

Dish ordering system for hotels - has output part which outputs order data received by data controller

Local Applications (No Type Date): JP 96123905 A 19960423

Priority Applications (No Type Date): JP 96123905 A 19960423

27/AN,AZ,TI/33 (Item 33 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

011404925

Production personnel planning and management system for production personnel administration - determines personnel excess or deficiency using production scheme alteration information so that necessary personnel adjustments can be made

Local Applications (No Type Date): JP 95330083 A 19951219

Priority Applications (No Type Date): JP 95330083 A 19951219

27/AN,AZ,TI/34 (Item 34 from file: 350)

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

010428764

Management system for collection of resources distributed over multiple geographic sites - has number of servers each serving PCs and allows user of one server to down-load resources from other servers and launch program after down-loading

Local Applications (No Type Date): EP 95301819 A 19950320; JP 9564626 A

19950323; EP 95301819 A 19950320; US 94217422 A 19940324

Priority Applications (No Type Date): US 94217422 A 19940324

27/AN,AZ,TI/35 (Item 35 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

004660078

Voltage transients reducing switching device for compact disk player -  
suppresses supply of signals to output when power supply is switched,  
disconnecting from remainder of circuit  
Local Applications (No Type Date): EP 85201916 A 19851121; JP 85282130 A  
19851217; US 85799876 A 19851120; KR 859385 A 19851213  
Priority Applications (No Type Date): NL 843820 A 19841217

27/AN,AZ,TI/36 (Item 36 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

001735446

Coal plough with power adjusted blading - has remote hydraulic control  
line assembled with supply line in flexible trailing hose  
Priority Applications (No Type Date): DE 2607100 A 19760221

27/AN,AZ,TI/37 (Item 37 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

000723189

Apparatus for controlling hydraulic - bending roller press  
Priority Applications (No Type Date): JP 6548183 A 19650807

27/AN,AZ,TI/38 (Item 38 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

07692641

DRAWING-UP METHOD AND PROVISIONING METHOD FOR SPECULATIVE PRODUCTION PLAN  
FOR CONDUCTING TWO-STEP PRODUCTION

APPL. NO.: 2001-382524 [JP 2001382524]

27/AN,AZ,TI/39 (Item 39 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

07079245

METHOD AND SYSTEM FOR ON -LINE BUSINESS REQUEST / ORDER RECEPTION, HOST  
SERVER, APPLICANT CLIENT, OPERATOR CLIENT AND COMPUTER READABLE RECORDING  
MEDIUM WITH PROGRAM RECORDED THEREON

APPL. NO.: 2000-119222 [JP 2000119222]

27/AN,AZ,TI/40 (Item 40 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

03457132

AIR PRESSURE REGULATOR FOR FOAM MOLDING MACHINE

APPL. NO.: 01-257816 [JP 89257816]

?show files;ds

File 348:EUROPEAN PATENTS 1978-2005/Feb W02

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20050217,UT=20050210

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Set	Items	Description
S1	1320181	FULFILLMENT OR SUPPLY OR SUPPLYCHAIN OR PRODUCTION OR ORDER??? OR PURCHAS??? OR (GET? ? OR GETTING OR BUY??? OR OBTAIN? - ?? OR PROCUR?) (3N) (GOODS OR SUPPLIES OR COMPONENTS OR RAW() MATERIALS)
S2	250004	JUST(2W)TIME OR JIT OR (AVAILABLE OR CAPABLE) (2W)PROMISE OR ATP OR AATP OR CTP OR ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR TO()ORDER
S3	339889	FRONT()END OR FRONTEND OR INTERFACE OR GUI OR (GRAPHIC?? OR SYMBOL?? OR VISUAL) () (REPRESENTATION? OR DISPLAY???) OR WYSIWYG
S4	230674	BACK()END OR BACKEND? ? OR DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE - ) () (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR RDBMS OR DBMS OR OODB OR KNOWLEDGEBASE
S5	825165	COHEREN?? OR (DATA OR INFORMATION OR CONTENT) (3N)INTEGRITY OR INTEGRAT??? OR CONCURREN?? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNCHRONIC? OR SYNC??? OR CONFORM? OR CORRELAT? - ?? OR CORELAT??? OR CONGRUITY
S6	1590887	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MORE OR SOME OR FEW OR NUMEROUS OR MANY OR PROFUSION OR NUMBER OR QUANTITY - ??? OR MYRIAD OR MULTITUDINOUS
S7	1436113	PROCESS?R? ? OR COMPUTER? ? OR SERVER? ? OR FILESERVER? ? - OR DRIVE? ? OR HARDDRIVE? ? OR WEBSERVER? ? OR CPU? ? OR SYSTEM? ? OR TIMESERVER?
S8	1820	S2(10N) (S1(5N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR ORGANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR - OPERAT??? OR PLAN? ? OR PLANNING))
S9	732	S5(10N) (S3(10N)S4)
S10	482414	S6(7N)S7
S11	3	S8(S)S9(S)S10
S12	40	S8 AND S9 AND S10
S13	49350	IC=G06F-017?
S14	20	S12 AND S13
<del>S15</del>	<del>21</del>	<del>S11 OR S14</del>
S16	21	IDPAT (sorted in duplicate/non-duplicate order)
S17	21	IDPAT (primary/non-duplicate records only)

17/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00963611 \*\*Image available\*\*

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES  
INTERNET POUR SERVICES DE LOCATION DE VEHICULES

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US)

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)

Application: WO 2001US51431 20011019 (PCT/WO US0151431)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 237932

SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES  
INTERNET POUR SERVICES DE LOCATION DE VEHICULES

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... or

reservations for business services or goods, with the services  
or goods provider having a **computer** network linking **multiple**  
levels of its organization to provide for the smooth conduct  
of business between the two organizations. **More** particularly,

47 A rental vehicle transaction system, said system comprising an Internet site through a **computer**, said **computer** being networked with a **plurality** of vehicle rental providers, at least one of said providers having an integrated computer system...service providers, each of said providers being an integrated business organization with a functional integrated **computer system** providing access to a **plurality** of diverse geographic locations at which vehicles for rental are kept, ...control the extent to which said vehicle reservation. may be modified by each Of said **multiple** parties.

73 The rental vehicle transaction **system** of claim 72 wherein said **multiple** parties are each insurance adjusters and said software program is ...restricted through an entry instruction generated by said insurance company.

74 The rental vehicle transaction **System** Of claim 72 wherein said **multiple** parties include at least one agent who is not a member of the same organization employing at least one other of said **multiple** parties.  
. The rental vehicle transaction **system** of claim 71 wherein said software program is configured to provide a synching function so...control the extent to which said vehicle reservation may be modified by each of said **multiple** parties.

85 The rental vehicle transaction **system** of claim 84 wherein said **multiple** parties are each insurance adjusters and said software program is restricted through an entry instruction generated by said insurance company.  
. The rental vehicle transaction **system** of claim 84 wherein said **multiple** parties include at least one agent who is not a member of the same organization employing at least one other of said **multiple** parties.

87 The rental vehicle transaction **system** of claim 83 wherein said software program is configured to provide a

17/3,K/3 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00895550 \*\*Image available\*\*

FULFILLMENT MANAGEMENT **SYSTEM** FOR MANAGING ATP DATA  
**SYSTEME DE GESTION D'EXECUTION SERVANT A GERER DES DONNEES DALV**

Patent Applicant/Assignee:

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AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
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TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
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FULFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA  
Main International Patent Class: G06F-017/60  
Fulltext Availability:

Detailed Description  
Claims

English Abstract

...operable to store product availability information associated with at least one product. The fulfillment management **system** (22) also includes one or **more processors** (650) collectively operable to receive at least one component available-to-promise (ATP) request (32...

...corresponds to a particular ATP request line-item for a desired product. The one or **more processors** (650) are also operable to retrieve at least a portion of the product availability information...

Detailed Description

FULFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA  
IN A DISTRIBUTED SUPPLY CHAIN ENVIRONMENT  
TECHNICAL FIELD OF THE INVENTION

This invention relates generally to the field of supply chain management, order fulfillment, and **planning**, and **more** particularly to a **fulfillment management system for managing available -to- promise (ATP)** data in a distributed supply chain environment.

BACKGROUND OF THE INVENTION.

A large and...

...customer orders in a timely manner. Even when there is adequate visibility, a lack of **integration** between **front - end** and **back - end** business objectives may result in lower margin products using up capacity, important market channels receiving...

...a database operable to store product. availability information associated with at least one product. The **system** also includes one or **more processors** collectively operable to receive at least one component available-to-promise (ATP) request. Each component...

...request corresponds to an ATP request line-item for a desired product. The one or **more processors** are also collectively operable to retrieve from the database at least a portion of the...

...is provided. In particular, the fulfillment management system may cooperate with other elements in a **supply** chain to concurrently and intelligently **manage order** promising and **fulfillment**. As an example, the **fulfillment management** system may assist a **fulfillment** server in **managing order** promising and **fulfillment** for complex multiple line-item ATP requests from a potentially very large number of clients according to specified user, customer, supplier...



33 The method of Claim 22, further comprising...33, further comprising generating an availability of a corresponding parent seller by communicating component ATP requests to a fulfillment management system corresponding to the parent seller.

35 The method of Claim 22, wherein: receiving at least one component ATP request comprises receiving component ATP requests from multiple fulfillment servers ; and communicating the component quotation comprises communicating component quotations to multiple fulfillment servers .

36 The method of Claim 22, wherein generating the component quotations for the component ATP...

...at least one component ATP request using Hypertext Transfer Protocol (HTTP).

39 Software for managing available-to-promise ( ATP ) data in a distributed supply chain planning environment, the software embodied in at least one computer-readable medium and when executed by one or more processors operable

to:

receive at least one component ATP request, each component ATP request corresponding to...

...component promise; and

at least one supply transaction associated with a product; and

one or more processors collectively operable to:

receive at least one component available-to-promise (ATP) request using Hypertext...

17/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00822300 \*\*Image available\*\*

MARKET ENGINES HAVING EXTENDABLE COMPONENT ARCHITECTURE

MOTEUR FINANCIER A ARCHITECTURE DE COMPOSANTS EXTENSIBLE

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ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

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Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

#### English Abstract

...market engines. The market engine supervises transactions based on information gathered from the e-commerce **system**. The market engine includes a **plurality** of components for processing transactions including transaction unit interface components for interfacing with transaction units; execution components for executing transactions and a connection element connecting said components. Each of the **plurality** of components includes **computers**, operating **systems** executing on the computers and application processes executing on the computers under control of the...

#### Detailed Description

... The present invention relates to the field of electronic commerce (commerce) and particularly to electronic **systems** for supervising transactions among **multiple** transaction initiators and **multiple** transaction **processors** and for internal and external crossing of orders in capital and other e-commerce markets...

...Instinet, Optimark, Attain, Archipelago, Island, Posit and the Arizona Stock Exchange.

Dramatic growth in the **number** of alternative trading **systems** and in the volume of securities traded by alternative trading systems have permitted companies to...market engines. The market engine supervises transactions based on information gathered from the e-commerce **system**. The market engine includes a **plurality** of components for processing transactions including transaction unit interface components for interfacing with transaction units...

...for executing transactions and a connection element 15 connecting said components.

Each of the **plurality** of components includes **computers**, operating **systems** executing on the computers and application processes executing on the computers under control of the...processors and thus operates to overcome the fragmentation of the e-commerce market represented by **many** diverse transaction **processors**.

In one embodiment, the market engine has a close association with a transaction processor for...other type of public or private network and any combination thereof

5 Transactions in the **system** of FIG. 1 are initiated, in **some** instances, with transaction initiators in one or more of the transaction units 7, designated as transaction units 7-1, ..., 7-Tr. Transactions are processed, in **some** instances, in transaction **processors** in one or **more** of the transaction units 7. The transaction initiation and processing is supervised by one or...more components 71 can reside on a single hardware platform-i formed of one or **more**

**computers**. Such two or **more** components on a single hardware platform are considered as logical components that are the equivalent...

...I type for performing

e-commerce transactions connected by electronic networks 13. Transactions in the **system** of FIG. 4 are initiated, in **some** instances, with external transaction initiators I 0 1 Vin a typical transaction unit, designated as transaction initiators I 0'-1, ..., I 0'-TI.

1 5 for routing transactions to external processors through...  
...internal transactions are fair  
with respect to said external transactions.

25 In an e-commerce **system** formed of a **plurality** of components where  
each  
component includes one or **more computers** , one or **more operating  
systems**  
executing on said one or **more computers** , respectively, and  
application processes  
id one or **more computers** under control of said one or **more**  
executing on sal  
operating **systems** , said application processes including, a function  
application for executing a function, a communication application for...

...a resource management component for controlling

49

the allocation of processes among said one or **more computers** , the  
steps  
comprising,  
providing instruments for crossing,  
storing instruments as internal instruments,  
detecting external instruments...

*removed*

*unnecessary  
pages 24-26*

17/3,K/9 (Item 9 from file: 349)  
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF  
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A  
MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE  
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION  
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

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ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description  
Claims

Detailed Description

... automatic call distribution (ACD) devices, internet servers, etc., the demand for and installation of these **systems** has continued to expand. Often, a vast **number** of sites have layered or "integrated" two or **more** of the aforementioned devices and rarely are these different devices using the same operating **system** or of the same brand. **More** often, these differing devices include a mixture of operating systems and brands.

Such a mix...

...CTI devices, wireless communication servers, or ACD devices, installation inconveniences are still further multiplied. Specifically, **many** of these ancillary pieces of equipment require additional entry of user information that is duplicative...

...installation and management of this equipment, each discrete change to one component of a telecommunications **system** often requires additional, similar changes to **several** other components. Furthermore, these additional changes typically must be done in a 'file order and...

...having familiarity with all of the various types of equipment that make up the telecommunications **system** must perform these changes, or as is **more** common, multiple technicians are required. Clearly, with even a limited number of devices that require...implementation of one embodiment of the present invention;

Figure 2 illustrates an embodiment of a **system** for combined industry supply management between one or multiple manufacturers and one or many service...

...in accordance with a preferred embodiment;  
Figure 28 is a block diagram of an exemplary **computer system** in accordance with a preferred embodiment;  
Figure 29 illustrates the CDR and PNR call record...an online advertising scenario; Figure 115 depicts a sample architecture providing direct network access to **several** of customers in order to share specifications, distribute engineering designs, and collaborate on works in...

...in overview a system arrangement for implementing the over the counter (or other) bandwidth market **system** of the instant invention;  
Figure 136 is a flow chart of data processing for qualifying...

...illustrating data processing upon receipt of a new market maker quotation from the bandwidth market **system** ;  
Figure 141 is a block diagram of a bill pay system relying on postal mailed payments;

Yi

Figure 142 is a block diagram of a bill pay **system** wherein consumers pay bills using a bill pay service bureau which has the consumers as...embodiment having a central processing unit 110, such as a microprocessor, and a **number** of other units interconnected via a **system** bus 112.

The workstation shown in Figure 1 includes a Random Access Memory...

...resident thereon an operating system such as the Microsoft Windows NT or Windows/95 Operating **System** (OS), the IBM OS/2 operating **system** , the MAC OS, or UNIX operating system. Those skilled in the art will

configurations for their client machines. with multi-media...GROUP  
CONSISTING OF SERVER PROCESSES, DISK -SPACE,  
MEMORY AVAILABILITY, CPU UTILIZATION, ACCESS TIME TO A  
SERVER , AND A NUMBER OF CONNECTIONS IN AN E-COMMERCE  
SYSTEM  
UPDATING ITEMS SELECTED FROM THE GROUP CONSISTING OF 10404  
MERCHANDISING CONTENT, CURRENCY EXCHANGE RATES, TAX...

*removed*

*unnecessary*

*pages 29-42*

17/3,K/10 (Item 10 from file: 349)  
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00802534

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM**  
**SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

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ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
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Claims

Claim

... followed to step 122, in which the order execution system 16 causes  
the interface control **system** 14 to prompt the user for additional  
information. Step 122 is followed by step 114...  
...time in response to the prompt) and passes the block on to the language  
processing **system** 18 at routine 116. (in practice, commands can be  
received from either natural language entry...  
...executes the command. Step 124 is followed by step 126, in which the  
order execution **system** 16 causes the interface control **system** 14 to  
display the result of the order execution. Step 126 is followed by the...  
...flow diagram corresponds to step 116 shown in FIG.

9 and illustrates a language processing **system** in an Any-to-Any computing **system** 10. FIG. 10 begins following step 114 shown in FIG. 9. In step 202, the language processing system 18 receives a natural language **order** from interface **control** system 14. Step 202 is followed by step 204, in which the language block is...

...from the block. Step 206 is followed by step 208, in which the language processing **system** 18 0 retrieves all candidate records (i.e., all records corresponding to possible meanings for...

...the current term. Step 208 is followed by step 210, in which the language processing **system** 18 checks the language block to determine whether another term remains in the block. If...Although a broad description of the structure and operation of the Any-to-Any computing **system** has been provided above, it should be understood that specific embodiments designed for specific applications...

...of computing. For example, a typical database structure for use in a Any-to-Any **system** configured to perform typical office functions, such as storing and retrieving documents, sending faxes, and...

...the database. In other words, the DRT Concepts comprise the NCL Table for the database **system**, where the NCL Table defines the Concepts that may possibly be used as Fields...23" where the first number is the concept number in NCL Table 300, the second **number** is the type identification **number** (type id number, i.e., the logical table **number**, which is also a Concept **number** in NCL Table 300), and the third number is the record number in the physical...

...sequence indicates that the concept is a senior concept, i.e. the 'parent,' of a **more** junior concept, i.e. the 'child.' In this sense, the 'child' is said to be...

...record in the Translation Table indicates that this field type is a concept. The second **number**, number '1,' refers to the record number in the NCL Table 300. The second number...

...in the 3-part forward reference sequence) is Table.#1 (NCL Table 300). The third **number** identifies the record **number** in the referenced physical table determined by the second number. In this case, number '23' ...name of the concept in the internal language (language zero, 5 representing NCL itself) to **get** the Java object field name. This information is sufficient for Java to reconstruct retrieved...

...of any specific Java classes beyond the aforementioned few primitive data types. There may be **several** other record subtypes associated with a particular record or Concept, including Label, Prompt, Default View...

...Table #3 350, illustrated in FIG. 14. Data Relation Table-LPQH 350 has a record **number** field 352, a DRT forward reference field 354, a sub-type field 356, a language **number** field 358, and Fields forward reference sequence field 360. The Data Relation TableLPQH 350 may...

...4. The language number field number indicates the language being used. In this case, the **number** '1' means it is the English language. The Fields forward reference sequence field 360 references...

...as well as other administrative fields, as desired.

37

Since a Reference in this database **system** includes the Table or Type of item referenced (plus the Record number), a DRT Record...

...number of fields. The same mechanism can also be used to create assemblies of any **number** of Record Types, thus eliminating the need for a separate Assembly Table mechanism described later...help clarify how this "indexing" works. For example, the back reference sequence pointers

be stored in a **computer** . Thus, it becomes evident that if an adequate selection of Component user data parts is stored in a **computer** as outlined above, any item that might be stored a **computer** can be created by assembling different combinations of different Component parts. The principle is similar...

...advantage of this method, When it is used in a computer, is that in a **computer** environment, it is only necessary to store one of each Component part. Any item that...

...number - can be related to any number of other Component parts - such as one or **more** names - or to any groupings of Component parts. However, this is only possible provided that...fixed relationship to a particular directory - as in the state of the art, One-to- **Many system** . When so stored, the reference **number** for New York - number 12 can no longer be used easily anywhere else. If it is desired to create a record for (a telephone number) New York 535 6677, the **number** 12 cannot be used as a reference for New York, because using the **number** 12 automatically relates the phone number not just to New York, but to 51 other...

...the particular directory. The complexity of relating any one Component stored in a One-to- **Many system** , with any other Component in another One-to- **Many system** , is such that to all intents and purposes, it becomes to complex to use, even...

...on John Brown" can be executed by a human, but cannot be executed by a **computer** . It can be executed if a special routine is created to look in all the...other Component. Then the Any-to-Any machine has a further method that enables a **computer** to use the recorded assembly plan to assemble the 'letter' on demand. Because these methods...

...any data that actually has any relationship to any other data. To this degree, a **computer** is now enabled to process data on an Any-to-Any basis - the same basis...

...the following desirable, novel and unique actions to be performed in a computer:

1 Any **number** of Any stored Component part or parts can be assembled into a group with Any **number** of other Component parts, and the assembled items can be manipulated as a group.

2...

...the Component parts or Any number of grouped Component parts can be assembled with Any **number** of Any other Component part, or parts, or Any group or Any number of groups...

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00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES AND CUSTOMER PROFILE

PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
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Detailed Description

Claims

Detailed Description

... to afford a more effective virtual shopping experience.

#### BACKGROUND OF INVENTION

An important use of **computers** is the transfer of information over a network.

Currently, the largest **computer** network in existence is the Internet.  
The Internet is a The Internet grew out of...

...CERN, the European Particle Physics Laboratory. The Web is a wide-area  
hypermedia information retrieval **system** aimed to give wide access to a  
large universe of documents.

At that time, the...

...the Internet to the masses.

1

The architecture of the Web follows a conventional client- **server** model.  
The terms "client" and " **server** " are used to refer to a computer's  
general role as a requester of data (the client) or provider of data (the  
**server** ). Under the Web environment, Web browsers reside in clients and  
Web documents reside in servers...

...Markup Language (HTML) format, and when the connection is closed in the  
above interaction, the **server** serves a passive role, i.e., it accepts  
commands from the client and cannot request...

...under the conventional Web environment provides a very limited level of  
interaction between clients and **servers** . In many **systems** ,  
increasing the level of interaction between components in the **systems**  
often makes the **systems** more robust, but increasing the interaction  
increases the complexity of the interaction and typically slows the...

...is a flow chart depicting multiple coding methods for conveying various  
information relating to a **system** such as web architecture framework;

2

Figure 1B is a flowchart illustrating the method for...



...1 is a flowchart providing more detail of the method of prioritizing components of a **system** that are required for implementation of technology in accordance with one embodiment of the present invention;  
Figure 1E is a flowchart illustrating the method of indicia coding **system** components to be delivered in different phases in accordance with one embodiment of the present invention;  
Figure 1E-1 is a flowchart providing **more** detail of the method of indicia coding **system** components to be delivered in different phases in accordance with one embodiment of the present...

...accordance with one embodiment of the present invention;  
Figure 1F-1 is a flowchart providing **more** detail of the method of comparatively analyzing network entities in accordance with one embodiment of...with one embodiment of the present invention;

3

Figure 1H-1 is a flowchart providing **more** detail of the method of identifying various components of a system for building, management, and ...

...accordance with one embodiment of the present invention; Figure 1I-1 is a flowchart providing **more** detail of the method for mapping products or services in a network framework in accordance...

...accordance with one embodiment of the present invention;  
Figure 1K-1 is a flowchart providing **more** detail of the method for planning the testing of network components in accordance with one...the presentation method of the present invention first includes displaying a pictorial representation of a **system**, i.e. web architecture framework, including a **plurality** of components. Note operation 10. Next, in operations 12-30, the pictorial representation is indicia coded in order to demonstrate any one or **more** of various aspects of the **system**. Such indicia coding may take the form of color coding, texture coding, shading coding, or...services corresponding

10

to those components in operation 31c to determine whether and how **many** vendors supply services to each particular component. A third listing is created in operation 31d...

...See also Figure 1C. Operation 34 of Figure 1C displays a pictorial representation of a **system** including a **plurality** of components, again, such as the pictorial representation shown in Figure 1L. Then the components...In one exemplary method to determine which components are required for the implementation of the **system** in order to indicia code them in operation 35, a database may be created which...

...indicia coding may be further employed to indicate priority of implementation for components of the **system**. First, a priority is identified among the **plurality** of components required for implementation of a predetermined technology. See operation 36 of Figure 1D...

...tertiary components, etc.

Further, indicia coding may indicate particular phases in which components of the **system** are delivered, and **more** particularly the order of delivery of various components of the web architecture framework. Note operation...

...Figure 1A. Referring to Figure 1E, operation 40 displays a pictorial representation of an existing **system** including a **plurality** of

distributed environments complexity of **multiple** platforms and **system**  
placed in either a parallel or serial fashion.

What other utilities are available with the...

Claim

... DELIVERED

20

INDICIA CODING THE COMPONENTS OF THE  
DISPLAYING A PICTORIAL REPRESENTATION OF A  
SYSTEM IN ORDER TO COMPARE A PLURALITY OF  
**SYSTEM** INCLUDING A **PLURALITY** OF COMPONENTS VENDORS

22

INDICIA CODING THE COMPONENTS OF THE  
SYSTEM IN ORDER TO SERVE...

... COMPONENTS OF A SYSTEM

PRODUCTS OR SERVICES RELATE 28

INDICIA CODING THE COMPONENTS OF THE

**SYSTEM** IN ORDER TO IDENTIFY ALLIANCES OF A

**PLURALITY** OF BUSINESS ENTITIES IN COMPONENTS

OF A **SYSTEM** 30

Figure 1A

INDICIA CODING THE COMPONENTS OF THE  
SYSTEM IN ORDER TO CONVEY A...

... 31 e

THAN ONE VENDOR SERVICE

Figure 1 Bw1

DISPLAYING A PICTORIAL REPRESENTATION OF A **SYSTEM** INCLUDING 34

A **PLURALITY** OF COMPONENTS

If

INDICIA CODING THE COMPONENTS OF THE SYSTEM IN ORDER TO 35

INDICATE... ON THE

LISTING

Figure 1 D-1

36

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 40

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING A FIRST SET OF COMPONENTS THAT ARE TO BE 41

DELIVERED IN...

... BE OFFERED FOR SALE

Figure 1G-1

47

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 50

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING INFORMATION RELATING TO BUILDING THE 51

COMPONENTS OF THE EXISTING SYSTEM BY... OF THE SYSTEM ARE TO BE TESTED

Figure 1K

DEVISING A PLAN FOR TESTING THE **SYSTEM** 61 a

SELECTING A **PLURALITY** OF COMPONENTS FOR TESTING BASED ON 61 b

THE PLAN

INDICIA CODING THE SELECTED COMPONENTS... to client communication enrom

web browsers E3 Provides adapter or mechanism to communicate with

mdarnall **system** E3 Supports page rendering for **multiple** languages hat

provide additional content such as catalog information

0 Supports **multiple** content sources (file **system**, databases, scripts)

0 Provides reporting and logging functions to detect communication errors

Figure 10

Business... DATA IN THE SYSTEM 340

ASSIGNING OF COMMUNITY PROFILE DATA TO A COMMUNITY INCLUDING A

**PLURALITY** OF USERS IN THE **SYSTEM** 3410

VALIDATING COMMUNITY PROFILE DATA IN THE SYSTEM 3412

MANAGING THE COMMUNITY PROFILE DATA IN...

17/3,K/17" (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00761431

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED  
WEB APPLICATION SERVICES

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE  
SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US14420 20000525 (PCT/WO US0014420)

Priority Application: US 99321492 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 150171

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... is a worldwide interconnection of computer networks that communicate  
using a common protocol. Millions of **computers**, from low end personal  
**computers** to high-end super computers are coupled to the Internet.

The Internet grew out of...

...conventional client-server model. The terms "client" and "server" are  
used to refer to a **computer**'s general role as a requester of data (the  
client) or provider of data (the **server**). Under the Web environment,  
Web browsers reside in clients and Web documents reside in servers...

...under the conventional Web environment provides a very limited level of  
interaction between clients and **servers**. In **many systems**,  
increasing the level of interaction between components in the **systems**  
often makes the **systems** **more** robust, but increasing the interaction.,  
increases the complexity of the interaction and typically slows the...  
...of the Web's level of interaction between clients and servers.

## SUMMARY OF INVENTION

A **system**, method, and article of manufacture are provided that afford a combination of commerce-related web...

- ...with one embodiment of the present invention;  
2  
Figure 1B-1 is a flowchart providing **more** detail of the method for identifying redundancies and omissions among components of a web based...
- ...accordance with one embodiment of the present invention;  
Figure 1C-1 is a flowchart providing **more** detail of the method of conveying which components of a system are required for implementation...
- ...1 is a flowchart providing more detail of the method of prioritizing components of a **system** that are required for implementation of technology in accordance with one embodiment of the present...accordance with one embodiment of the present invention;  
Figure 1E-1 is a flowchart providing **more** detail of the method of indicia coding **system** components to be delivered in different phases in accordance with one embodiment of the present...
- ...is a flowchart providing more detail of the method of identifying various components of a **system** for building, management, and support purposes in accordance with one embodiment of the present invention...
- ...present invention;  
Figure M is a flowchart illustrating the method of identifying alliances among a **plurality** of business entities in accordance with one embodiment of the present invention; Figure 1K is...with one embodiment of the present invention.

## DISCLOSURE OF INVENTION

The present invention includes a **system**, method, and article of manufacture for providing a web architecture framework and further a system...

- ...the presentation method of the present invention first includes displaying a pictorial representation of a **system**, i.e. web architecture framework, including a **plurality** of components. Note operation 10. Next, in operations 12-30, the pictorial representation is indicia coded in order to demonstrate any one or **more** of various aspects of the **system**. Such indicia coding may take the form of color coding, texture coding, shading coding, or...
  - ...a pictorial representation, referring to Figure 1L-1, each of the primary components of the **system**, such as the components listed above, are arranged for display in operation 62. Examples of...
  - ...services of any vendor). On the other hand, components of the web architecture framework with **multiple** types of shading indicate redundancy in such components (i.e., provided by services of more...
  - ...in the framework has no indicia coding, while any components having redundant business efforts have **multiple** types of indicia coding.
- Operation 14 of Figure 1A includes indicia coding for effectively conveying...
- ...See also Figure 1C. Operation 34 of Figure 1C displays a pictorial representation of a **system** including a **plurality** of components,

...existing environment will be determined, modeled and planned according to I O the necessary requirements.

#### Production Control (1332)

Ensures that **production** activities are performed and **controlled** as **required** and as intended.

#### Production Scheduling

Production Scheduling determines the requirements for the execution of scheduled jobs across a distributed...satisfy this requirement?  
Production Scheduling contains specific requirements that addresses a distributed environments complexity of **multiple** platforms and **system** placed in either a parallel or serial fashion.

What other utilities are available with the...

...of a distributed environment one must account for the processes taking place across the entire **system** on **multiple** platforms in either a parallel or a serial fashion. Therefore, production scheduling capabilities across platforms...

...configuration data in workload forecasting.

180

The scheduler will communicate with other schedulers on other **systems** to run a in a close relationship with the ability to support multiple heterogeneous platforms...

...and restoration functions.

'O Communicates with the recovery facility to dynamically switch workload from one **processor** to another in the event of a system failure.

Print Managemen

Print Management monitors all...

Claim

... DELIVERED

20

INDICIA CODING THE COMPONENTS OF THE  
DISPLAYING A PICTORIAL REPRESENTATION OF A  
SYSTEMINORDERTOCOMPAREAPLURALITYOF  
**SYSTEM** INCLUDING A **PLURALITY** OF COMPONENTS VENDORS

22

INDICIA CODING THE COMPONENTS OF THE  
SYSTEM IN ORDER TO SERVE...

...COMPONENTS OF A SYSTEM

PRODUCTS OR SERVICES RELATE 28

INDICIA CODING THE COMPONENTS OF THE  
**SYSTEM** IN ORDER TO IDENTIFY ALLIANCES OF A  
**PLURALITY** OF BUSINESS ENTITIES IN COMPONENTS  
OF A **SYSTEM** 30

Figure 1A

INDICIA CODING THE COMPONENTS OF THE  
SYSTEM IN ORDER TO CONVEY A...

...MORE 31,

THAN ONE VENDOR SERVICE

Figure 1B-1

DISPLAYING A PICTORIAL REPRESENTATION OF A **SYSTEM** INCLUDING 34  
A **PLURALITY** OF COMPONENTS

K

INDICIA CODING THE COMPONENTS OF THE SYSTEM IN ORDER TO 35  
INDICATE...

...COMPONENT ON THE

LISTING

Figure I DA

36

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 40

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING A FIRST SET OF COMPONENTS THAT ARE TO BE 41

DELIVERED IN...BE OFFERED FOR SALE

Figure IG=1

47

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 50

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING INFORMATION RELATING TO BUILDING THE 51

COMPONENTS OF THE EXISTING SYSTEM BY...

...SYSTEM ARE TO BE TESTED

Figure I K

a

DEVisING A PLAN FOR TESTING THE **SYSTEM**

SELECTING A **PLURALITY** OF COMPONENTS FOR TESTING BASED ON 61b

THE PLAN

INDICIA CODING THE SELECTED COMPONENTS ON...to client communication arrow  
web browsers {3 Provides adapter or mechanism to communicate with external

**systems** C3 Supports page rendering for **multiple** languages that

provide additional content such as catalog Information E Supports

**multiple** content sources (file **system** , databases, scripts) 0 Provides

reporting and logging functions to defeat communication efforts

Figure 10

Businessi...IN THE SYSTEM 340

1

ASSIGNING OF COMMUNITY PROFILE DATA TO A COMMUNITY INCLUDING A

**PLURALITY** OF USERS IN THE **SYSTEM** 3410

VALIDATING COMMUNITY PROFILE DATA IN THE SYSTEM 341

MANAGING THE COMMUNITY PROFILE DATA IN...

17/3,K/18 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761424

A **SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF  
COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY**

**SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES**

**DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,

Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US14458 20000524 (PCT/WO US0014458)

Priority Application: US 99321360 19990527

Designated States:

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AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ

CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE

system including a plurality  
of components;

(b) logic for presenting a first set of components that are to be...ARE  
DELIVERED

20

INDICIA CODING THE COMPONENTS OF THE  
DISPLAYING A PICTORIAL REPRESENTATION OF A **SYSTEM** IN ORDER TO COMPARE A  
**PLURALITY** OF

**SYSTEM** INCLUDING A **PLURALITY** OF COMPONENTS VENDORS

22

INDICIA CODING THE COMPONENTS OF THE  
SYSTEM IN ORDER TO SERVE...

...COMPONENTS OF A SYSTEM

PRODUCTS OR SERVICES RELATE 28

INDICIA CODING THE COMPONENTS OF THE

**SYSTEM** IN ORDER TO IDENTIFY ALLIANCES OF A

**PLURALITY** OF BUSINESS ENTITIES IN COMPONENTS

OF A **SYSTEM** 30

Figure 1A

INDICIA CODING THE COMPONENTS OF THE  
SYSTEM IN ORDER TO CONVEY A...

...MORE 31,

THAN ONE VENDOR SERVICE

Figure 1B.1

DISPLAYING A PICTORIAL REPRESENTATION OF A **SYSTEM** INCLUDING 34

A **PLURALITY** OF COMPONENTS

Ir

INDICIA CODING THE COMPONENTS OF THE SYSTEM IN ORDER TO 35

INDICATE...

...COMPONENT ON THE

LISTING

Figure 1 Dml

36

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** / 40

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING A FIRST SET OF COMPONENTS THAT ARE TO BE 41

DELIVERED IN...

...BE OFFERED FOR SALE

Figure 1G-1

47

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 50

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING INFORMATION RELATING TO BUILDING THE 51

COMPONENTS OF THE EXISTING SYSTEM BY...OF THE SYSTEM ARE TO BE TESTED

Figure 1K

DEVISING A PLAN FOR TESTING THE **SYSTEM** 61a

SELECTING A **PLURALITY** OF COMPONENTS FOR TESTING BASED ON 61 b

THE PLAN

INDICIA CODING THE SELECTED COMPONENTS...to client communication orrars  
web browsers 0 Provides adapter or mechanism to communicate with external  
**systems**

C1 Supports page rendering for **multiple** languages @W

0 Supports **multiple** content sources (file **system** , databases, scripts)

C3 that provide additional content such as calatog information

Provides reporting and logging...DATA IN THE SYSTEM 340

ASSIGNING OF COMMUNITY PROFILE DATA TO A COMMUNITY INCLUDING A

**PLURALITY** OF USERS IN THE **SYSTEM** 3410

1 @@

VALIDATING COMMUNITY PROFILE DATA IN THE SYSTEM 3412

MANAGING THE COMMUNITY PROFILE DATA...

17/3,K/19 (Item 19 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00761423

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EFFECTIVELY CONVEYING  
WHICH COMPONENTS OF A SYSTEM ARE REQUIRED FOR IMPLEMENTATION OF  
TECHNOLOGY

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ACHEMINEMENT EFFICACE DES  
COMPOSANTS D'UN SYSTEME NECESSAIRES A LA MISE EN PRATIQUE D'UNE  
TECHNOLOGIE

Patent Applicant/Assignee:

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Minneapolis, MN 55402-0903, US,

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AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ  
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE  
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 150133

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Claims

Detailed Description

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR  
EFFECTIVELY CONVEYING WHICH COMPONENTS OF A SYSTEM ARE  
REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY  
FIELD OF THE INVENTION

The present invention relates to conveying information regarding a web  
architecture framework and more particularly to demonstrating which  
components of a system are required for implementation of technology.

BACKGROUND OF THE INVENTION

It is common in presentations...

...a balance must be maintained between presenting information in a manner  
so as to be more likely to be retained by the viewer and keeping the  
graphic presentation simple enough to...

...pieces of information with each other. There is further a particular  
need for such a system in the art of conveying information regarding



Within a distributed environment, the **system** includes both centralized and remote resources.

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Implementation Considerations

Will devices need to be shutdown...

Claim

... are required for implementation comprising the steps of (a) displaying a pictorial representation of a **system** including a **plurality** of components; and

(b) indicia coding the components of the system in order to indicate...

...required for implementation comprising:

(a) a code segment that displays a pictorial representation of a **system** including a **plurality** of components; and

(b) a code segment that indicia codes the components of the system...

...ARE DELIVERED

20

INDICIA CODING THE COMPONENTS OF THE

DISPLAYING A PICTORIAL REPRESENTATION OF A **SYSTEM** IN ORDER TO COMPARE A **PLURALITY** OF

**SYSTEM** INCLUDING A **PLURALITY** OF COMPONENTS VENDORS

22

INDICIA CODING ...COMPONENTS OF A SYSTEM

PRODUCTS OR SERVICES RELATE 28

INDICIA CODING THE COMPONENTS OF THE

**SYSTEM** IN ORDER TO IDENTIFY ALLIANCES OF A

**PLURALITY** OF BUSINESS ENTITIES IN COMPONENTS

OF A **SYSTEM** 30

Figure 1A

INDICIA CODING THE COMPONENTS OF THE

SYSTEM IN ORDER TO CONVEY A...

...MORE 31e

THAN ONE VENDOR SERVICE

Figure 1 Bw1

DISPLAYING A PICTORIAL REPRESENTATION OF A **SYSTEM** INCLUDING 34

A **PLURALITY** OF COMPONENTS

IF

INDICIA CODING THE COMPONENTS OF THE SYSTEM IN ORDER TO 35

INDICATE...

...COMPONENT ON THE

LISTING

Figure 1D-1

36

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 40

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING A FIRST SET OF COMPONENTS THAT ARE TO BE 41

DELIVERED IN...

...BE OFFERED FOR SALE

Figure 1G-1

47

DISPLAYING A PICTORIAL REPRESENTATION OF AN EXISTING **SYSTEM** 50

INCLUDING A **PLURALITY** OF COMPONENTS

PRESENTING INFORMATION RELATING TO BUILDING THE 51

COMPONENTS OF THE EXISTING SYSTEM BY...THE SYSTEM ARE TO BE TESTED

Figure 1 K

DEVISING A PLAN FOR TESTING THE **SYSTEM** 61a

SELECTING A **PLURALITY** OF COMPONENTS FOR TESTING BASED ON 61 b

THE PLAN

INDICIA CODING THE SELECTED COMPONENTS...mechanism to communicate with

external systems  
0 Supports page rendering for multiple languages  
E Supports multiple content sources (file system, databases, scripts)  
that provide additional content such as catalog information [3 Provides  
reporting and logging...DATA IN THE SYSTEM 340  
ASSIGNING OF COMMUNITY PROFILE DATA TO A COMMUNITY INCLUDING A  
PLURALITY OF USERS IN THE SYSTEM 3410  
3412  
VALIDATING COMMUNITY PROFILE DATA IN THE SYSTEM  
MANAGING THE COMMUNITY PROFILE DATA IN...

17/3,K/21 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00554422 \*\*Image available\*\*  
SYSTEM AND METHOD FOR MANAGING ATP DATA IN A DISTRIBUTED SUPPLY CHAIN  
PLANNING ENVIRONMENT  
GESTION DES DONNEES ATP DANS UN ENVIRONNEMENT DISTRIBUE DE PLANIFICATION DE  
CHAINE D'APPROVISIONNEMENT ET SYSTEME A CET EFFET  
Patent Applicant/Assignee:  
i2 TECHNOLOGIES INC,  
Inventor(s):  
KENNEDY Brian M,  
THOMAS Stanton L,  
JOINER Herbert V,  
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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA  
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Publication Language: English  
Fulltext Word Count: 22863

SYSTEM AND METHOD FOR MANAGING ATP DATA IN A DISTRIBUTED SUPPLY CHAIN  
PLANNING ENVIRONMENT  
Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description  
Claims

#### English Abstract

A fulfillment server (16) for managing ATP data in a distributed supply chain planning environment receives an ATP request (30) from one of multiple clients (12). The ATP request (30) includes multiple request line-items that each correspond to a desired product. The fulfillment server (16) then generates one or more component ATP requests (32) based on the request line-items and communicates component ATP requests (32) to at least one of multiple local fulfillment managers (14). In response, the fulfillment server (16) receives component quotations (34) from the local fulfillment managers (14), each corresponding to a component ATP request (32) and each including product availability information for the corresponding desired product. The fulfillment...

Detailed Description

SYSTEM AND METHOD FOR **MANAGING ATP DATA**  
IN A DISTRIBUTED **SUPPLY CHAIN PLANNING ENVIRONMENT**  
TECHNICAL FIELD OF THE INVENTION

This invention relates generally to the field of supply chain planning, and **more** particularly to a **system** and method for managing order fulfillment in a distributed supply chain planning environment.

BACKGROUND OF...

- ...customer orders in a timely manner. Even when there is adequate visibility, a lack of **integration** between **front - end** and **back - end** business objectives may result in lower margin products using up capacity, important market channels receiving...
- ...or "customer-centric" solutions, and others have I O devoted tremendous energy to achieving suitable **back - end** supply chain optimization solutions, none have successfully **integrated** these **front - end** and **back - end** solutions to intelligently manage order promising and fulfillment tasks in this environment. As a result...
- ...have the ability to accommodate existing systems such that their capabilities are extended while allowing **more** sophisticated replacement **systems** to be subsequently introduced. The solution system must ultimately be able to productively co-exist...
- ...ATP request including multiple request line-items each corresponding to a desired product.

The fulfillment **server** generates one or **more** component ATP requests based on the request line-items and communicates the component ATP requests to at least one of **multiple ATP servers** using the ATP **server** interface. The fulfillment **server** receives a **plurality** of component quotations from the ATP **servers** using the ATP server interface, each component quotation corresponding to a component ATP request and comprising product availability information for one or **more** corresponding desired products. The fulfillment **server** generates a quotation determined according to the product availability information provided by the component quotations...

- ...quotation through the client interface.

According to another embodiment of the present invention, a local **fulfillment manager** (LFM) has an associated ATP server and **operates** in a distributed **supply chain planning** environment including other LFMs. The LFM includes fulfillment server and ATP **server** interfaces. The LFM receives one or **more** component ATP requests from a fulfillment **server**, each component ATP request corresponding to a particular ATP request line-item for a desired...

- ...The fulfillment server and LFMs of the present invention are capable of concurrently and intelligently **managing order** promising and **fulfillment** for complex multiple line-item ATP requests from a potentially very large number of clients according to specified user, customer, supplier...computations occur in order to optimize performance as appropriate for the particular application. For example, **some** applications may need a **system** with extremely high throughput but can tolerate longer latencies, whereas others may require extremely short...
- ...illustrates an exemplary system 10 for fulfilling commitments in a distributed supply chain planning environment. **System** I O includes one or **more** clients representing appropriate Enterprise Resource Planning (ERP) **systems**, Sales Force Automation (SFA) systems, Order Management Systems (OMS), and any other suitable systems. Each...
- ...product availability responses to component ATP requests in the form of component quotations. One or **more** planning engines associated with ATP **servers** 14 may also provide pricing and other additional capabilities,

...according to the component promises; and  
communicating the promise to the client.

54 A method operating at a local fulfillment manager (LFM) for managing available -to- promise ( ATP ) data, comprising:  
receiving one or more component ATP requests from a fulfillment server , each component ATP request corresponding to a particular ATP request line-item for a desired product;  
computing an ATP response for each request line-item using an associated ATP server ;  
generating one or more component quotations for each of the request line-items according to the corresponding ATP response...of Claim 54, further comprising:  
receiving a sequence of component ATP requests from the fulfillment server , one or more first component ATP requests in the sequence targeted to the LFM; processing the first component...

...parent seller.

69 The method of Claim 54, further comprising:  
accepting component ATP requests from multiple fulfillment servers ;  
and  
sending component quotations or component promises to multiple fulfillment servers .

70 The method of Claim 54, further comprising:  
supporting at the LFM a subset of...

...generating one or more component ATP requests based on the request line-items; communicating component ATP requests to at least one of a plurality of local fulfillment managers (LFMs);  
receiving a plurality of component quotations from the LFMs, each component quotation corresponding to...

17/AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2005 European Patent Office. All rts. reserv.

01752676

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

APPLICATION (CC, No, Date): EP 2004075701 960213;

PRIORITY (CC, No, Date): US 388107 950213

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00963611

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET POUR SERVICES DE LOCATION DE VEHICULES

Application: WO 2001US51431 20011019 (PCT/WO US0151431)

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

17/AN,AZ,TI/3 (Item 3 from file: 349)  
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00895550

FULLFILLMENT MANAGEMENT SYSTEM FOR MANAGING ATP DATA  
SYSTEME DE GESTION D'EXECUTION SERVANT A GERER DES DONNEES DALV

Application: WO 2001US31317 20011005 (PCT/WO US0131317)

17/AN,AZ,TI/4 (Item 4 from file: 349)  
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00847412

METHOD FOR A HEALTH CARE SOLUTION FRAMEWORK

PROCEDE DESTINE A UNE STRUCTURE DE SOINS DE SANTE

Application: WO 2001US12270 20010413 (PCT/WO US0112270)

17/AN,AZ,TI/5 (Item 5 from file: 349)  
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00828012

MARKET ENGINE HAVING CUSTOMIZABLE CROSSING COMPONENTS

MOTEUR DE MARCHE A ELEMENTS DE RAPPROCHEMENT PERSONNALISABLES

Application: WO 2001US5337 20010220 (PCT/WO US0105337)

17/AN,AZ,TI/6 (Item 6 from file: 349)  
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00822300

MARKET ENGINES HAVING EXTENDABLE COMPONENT ARCHITECTURE

MOTEUR FINANCIER A ARCHITECTURE DE COMPOSANTS EXTENSIBLE

Application: WO 2001US2637 20010126 (PCT/WO US0102637)

17/AN,AZ,TI/7 (Item 7 from file: 349)  
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00806389

SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE  
AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT  
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE  
LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE  
D'APPROVISIONNEMENT RESEAUTEE

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

17/AN,AZ,TI/8 (Item 8 from file: 349)

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00806384

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND  
METHOD THEREOF

GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT  
DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Application: WO 2000US32324 20001122 (PCT/WO US0032324)

17/AN,AZ,TI/9 (Item 9 from file: 349)

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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF  
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A  
MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE  
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION  
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

17/AN,AZ,TI/10 (Item 10 from file: 349)

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00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM

SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

17/AN,AZ,TI/11 (Item 11 from file: 349)

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00784185

A SYSTEM AND METHOD FOR STREAM-BASED COMMUNICATION IN A COMMUNICATION  
SERVICES PATTERNS ENVIRONMENT

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION FOURNISSANT UN SYSTEME DE  
COMMUNICATION EN CONTINU DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE  
SERVICES DE COMMUNICATION

Application: WO 2000US24125 20000831 (PCT/WO US0024125)

17/AN,AZ,TI/12 (Item 12 from file: 349)

DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00784131

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A MULTI-OBJECT FETCH  
COMPONENT IN AN INFORMATION SERVICES PATTERNS ENVIRONMENT

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR COMPOSANT DE RECUPERATION  
MULTI-OBJET DANS UN ENVIRONNEMENT CARACTERISE PAR DES SERVICES  
D'INFORMATIONS

Application: WO 2000US24083 20000831 (PCT/WO US0024083)

17/AN,AZ,TI/13 (Item 13 from file: 349)  
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00777022

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED  
ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR UNE ARCHITECTURE BASEE SUR  
LE COMMERCE ELECTRONIQUE  
Application: WO 2000US20704 20000728 (PCT/WO US0020704)

17/AN,AZ,TI/14 (Item 14 from file: 349)  
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00777020

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR RESOURCE ADMINISTRATION IN  
AN E-COMMERCE TECHNICAL ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ADMINISTRATION DE RESSOURCES  
DANS UNE ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE  
Application: WO 2000US20547 20000728 (PCT/WO US0020547)

17/AN,AZ,TI/15 (Item 15 from file: 349)  
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00777017

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN  
AN E-COMMERCE ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE  
STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE  
ELECTRONIQUE  
Application: WO 2000US20560 20000728 (PCT/WO US0020560)

17/AN,AZ,TI/16 (Item 16 from file: 349)  
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00761432

METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES  
AND CUSTOMER PROFILE  
PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE  
CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS  
Application: WO 2000US14459 20000524 (PCT/WO US0014459)

17/AN,AZ,TI/17 (Item 17 from file: 349)  
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00761431

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED  
WEB APPLICATION SERVICES  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE  
SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE  
Application: WO 2000US14420 20000525 (PCT/WO US0014420)

17/AN,AZ,TI/18 (Item 18 from file: 349)  
DIALOG(R)File 349:(c) 2005 WIPO/Univentio. All rts. reserv.

00761424

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF  
COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES

DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE  
Application: WO 2000US14458 20000524 (PCT/WO US0014458)

17/AN,AZ,TI/19 (Item 19 from file: 349)  
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00761423

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EFFECTIVELY CONVEYING  
WHICH COMPONENTS OF A SYSTEM ARE REQUIRED FOR IMPLEMENTATION OF  
TECHNOLOGY

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ACHEMINEMENT EFFICACE DES  
COMPOSANTS D'UN SYSTEME NECESSAIRES A LA MISE EN PRATIQUE D'UNE  
TECHNOLOGIE

Application: WO 2000US14457 20000524 (PCT/WO US0014457)

17/AN,AZ,TI/20 (Item 20 from file: 349)  
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00761422

BUSINESS ALLIANCE IDENTIFICATION

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES  
COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU

Application: WO 2000US14375 20000524 (PCT/WO US0014375)

17/AN,AZ,TI/21 (Item 21 from file: 349)  
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00554422

SYSTEM AND METHOD FOR MANAGING ATP DATA IN A DISTRIBUTED SUPPLY CHAIN  
PLANNING ENVIRONMENT

GESTION DES DONNEES ATP DANS UN ENVIRONNEMENT DISTRIBUE DE PLANIFICATION DE  
CHAINE D'APPROVISIONNEMENT ET SYSTEME A CET EFFET

Application: WO 99US21532 19990917 (PCT/WO US9921532)



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(c) 1998 Inst for Sci Info

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S1	6131683	FULFILLMENT OR SUPPLY OR SUPPLYCHAIN OR PRODUCTION OR ORDER??? OR PURCHAS??? OR (GET? ? OR GETTING OR BUY??? OR OBTAIN??? OR PROCUR?) (3N) (GOODS OR SUPPLIES OR COMPONENTS OR RAW() MATERIALS)
S2	236544	JUST(2W)TIME OR JIT OR (AVAILABLE OR CAPABLE) (2W)PROMISE OR ATP OR AATP OR CTP OR ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR TO()ORDER
S3	939102	FRONT()END OR FRONTEND OR INTERFACE OR GUI OR (GRAPHIC?? OR SYMBOL?? OR VISUAL) () (REPRESENTATION? OR DISPLAY???) OR WYSIWYG
S4	1087092	BACK()END OR BACKEND? ? OR DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE- ) () (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR RDBMS OR DBMS OR OODB OR KNOWLEDGEBASE
S5	4428793	COHEREN?? OR (DATA OR INFORMATION OR CONTENT) (3N)INTEGRITY OR INTEGRAT??? OR CONCURREN?? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNCHRONIC? OR SYNC??? OR CONFORM? OR CORRELAT??? OR CORELAT??? OR CONGRUITY
S6	13716799	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MORE OR SOME OR FEW OR NUMEROUS OR MANY OR PROFUSION OR NUMBER OR QUANTIT??? OR MYRIAD OR MULTITUDINOUS
S7	13278625	PROCESS?R? ? OR COMPUTER? ? OR SERVER? ? OR FILESERVER? ? - OR DRIVE? ? OR HARDDRIVE? ? OR WEBSERVER? ? OR CPU? ? OR SYSTEM? ? OR TIMESERVER?
S8	3290	S2(10N) (S1(5N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR ORGANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR OPERAT??? OR PLAN? ? OR PLANNING))
S9	1433	S5(10N) (S3(10N)S4)
S10	1041553	S6(7N)S7
S11	0	S8(S)S9(S)S10
S12	122695	S5(10N) (S3 OR S4 OR S10)
S13	10	S8(10N)S12
S14	17	S8(S)S12

S15 33 S8 AND S12  
~~S16 21 S8 (3S) S12~~  
S17 20 S16 NOT PY>2000  
S18 20 S17 NOT PD=20001006:20050331  
S19 18 RD (unique items)

19/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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5224030 INSPEC Abstract Number: C9605-7480-048

**Title: Designing customer oriented production planning system (COPPS)**  
Author(s): Tamura, T.; Fujita, S.  
Author Affiliation: Nagoya Inst. of Technol., Japan  
Journal: International Journal of Production Economics Conference Title:  
Int. J. Prod. Econ. (Netherlands) vol.41, no.1-3 p.377-85  
Publisher: Elsevier,  
Publication Date: Oct. 1995 Country of Publication: Netherlands  
CODEN: IJPEE6 ISSN: 0925-5273  
SICI: 0925-5273(199510)41:1/3L.377:DCOP;1-M  
Material Identity Number: P531-96001  
U.S. Copyright Clearance Center Code: 0925-5273/95/\$09.50  
Conference Title: 12th International Conference on Production Research  
Conference Date: 16-20 Aug. 1993 Conference Location: Lappeenranta,  
Finland  
Language: English  
Subfile: C  
Copyright 1996, IEE

Abstract: The paper describes a new **production planning** and scheduling system in which **production** seats are first created based on forecasted **demand**, and then orders received are assigned to the seats. This system is named COPPS. The...

...through a simulation experiment. Although COPPS theoretically poses some minor problems yet to be solved, **some** Japanese manufacturing firms already established COPPS-like **systems** by constructing the information system which **integrates** both sales and production activities.

19/3,K/3 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03843991 INSPEC Abstract Number: C91020530

**Title: Manufacturing system redesign: an integrated approach**  
Author(s): Sairam, R.; Hsu, J.P.  
Author Affiliation: W. Silver Inc., El Paso, TX, USA  
Conference Title: Proceedings of Manufacturing International '90 p.  
101-3 vol.2  
Editor(s): Fisher, E.; Moodie, C.L.; Martin-Vega, L.A.; McGinnis, L.; Sanii, E.T.  
Publisher: ASME, New York, NY, USA  
Publication Date: 1990 Country of Publication: USA 5  
vol.(vii+309+x+141+ix+79+vi+258+vi+177) pp.  
ISBN: 0 7918 0466 6  
Conference Sponsor: ASME; IEEE; IIE  
Conference Date: 25-28 March 1990 Conference Location: Atlanta, GA,  
USA  
Language: English  
Subfile: C

Abstract: Outlines an **integrated** approach to **system** redesign so that the company can be **more** competitive in the market place. **Integration** of cellular manufacturing, single minute exchange of dies, **just -in- time** **production** with kanban **control** and its importance in system redesign is discussed. The impact of modelling and simulation and...

19/3,K/5 (Item 5 from file: 2)  
DIALOG(R)File 2:INSPEC

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02832097 INSPEC Abstract Number: C87018941

Title: Flexible and future-guaranteed logistic concepts: data telecommunication and just-in-time by cumulates

Author(s): Meyer, B.E.

Conference Title: ISATA 86 Proceedings. 15th Internatioanl Symposium on Automotive Technology and Automation with Particular Reference to Computer Integrated Manufacture p.ISATA 86076/19 pp. vol.2

Publisher: Automotive Autom. (1984), Croydon, UK

Publication Date: 1986 Country of Publication: UK 3 vol. (i+114+v+736+v+726) pp.

ISBN: 0 947719 06 7

Conference Sponsor: Intel Int

Conference Date: 6-10 Oct. 1986 Conference Location: Flims, Switzerland

Language: English

Subfile: C

...Abstract: the organization to the development and trend. New technologies and the introduction and improvement of computer supported procedures and methods gain more and more in significance. Solutions with good prospects are robotics, CIM (computer integrated manufacturing) and data telecommunication in manufacturing. Communication as well as just-in-time by cumulates or kanban in logistics and order handling is supported.

19/3,K/7 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01203116 ORDER NO: AAD92-06084

AN INTEGRATED MRP AND JIT PRODUCTION PLANNING AND SCHEDULING SYSTEM (INTEGRATED SYSTEMS)

Author: HO, JOHNNY C.

Degree: PH.D.

Year: 1991

Corporate Source/Institution: GEORGIA INSTITUTE OF TECHNOLOGY (0078)

Source: VOLUME 52/09-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3347. 234 PAGES

...cost, penalty cost, and total production cost (sum of processing, holding, and penalty costs).

The integrated system eliminates some of the problems existing in MRP and JIT. First of all, the proposed system incorporates...

...the integrated system does not have to operate in the level schedule case as in JIT, so it can handle a very general production environment.

19/3,K/8 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01118012 ORDER NO: AAD90-20950

FLEXIBLE MANUFACTURING STRATEGIES, TECHNOLOGIES, AND STRUCTURES: A CONTINGENCY-BASED EMPIRICAL ANALYSIS (MANUFACTURING)

Author: NEMETZ-MILLS, PATRICIA LOUISE

Degree: PH.D.

Year: 1989

Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)

Source: VOLUME 51/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1305. 274 PAGES

"...technology-structure theory to include computer-based and time-based technology. It was predicted that **integration** of **computer**-based technology would be **more** important in simultaneously achieving the multiple advantages of low cost, high flexibility, high quality, and...

...than the amount of computer-based technology in use. Greater use of time-based technologies-- **just -in- time production** , statistical quality **control** , group technology, and design for manufacturability--was also predicted to increase the potential for achieving...

19/3,K/10 (Item 1 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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05690017 E.I. No: EIP00115390285  
**Title: Impact of information systems technology on operations management**  
Author: LeBlanc, Larry J.  
Corporate Source: Vanderbilt Univ, Nashville, TN, USA  
Source: International Journal of Technology Management v 20 n 3 2000. p 243-251  
Publication Year: 2000  
CODEN: IJTMEG ISSN: 0267-5730  
Language: English

Descriptors: \*Information management; Information technology; Real time systems; Computer **integrated** manufacturing; Electronic data interchange; Inventory **control** ; **Just in time production** ; Database systems

19/3,K/11 (Item 2 from file: 8)  
DIALOG(R)File 8: Ei Compendex(R)  
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05507858 E.I. No: EIP00035093527  
**Title: Crystallizing demand-based manufacturing**  
Author: Kochan, Anna  
Source: Manufacturing Computer Solutions v 6 n 1 2000. p 12-13  
Publication Year: 2000  
CODEN: MCSOFD ISSN: 1358-1066  
Language: English

Descriptors: \*Computer **integrated** manufacturing; Glass manufacture; Scheduling; Real time systems; Computer software; Database systems; **Production control** ; **Just in time production**

19/AA,AN,TI/1 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
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Title: Designing customer oriented production planning system (COPPS)

19/AA,AN,TI/2 (Item 2 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

Title: Technologies and methods for the management of modular products

19/AA,AN,TI/3 (Item 3 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

Title: Manufacturing system redesign: an integrated approach

19/AA,AN,TI/4 (Item 4 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
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Title: Towards integrated workshop control with distributed PC-systems

19/AA,AN,TI/5 (Item 5 from file: 2)  
DIALOG(R)File 2:(c) 2005 Institution of Electrical Engineers. All rts.  
reserv.

Title: Flexible and future-guaranteed logistic concepts: data  
telecommunication and just-in-time by cumulates

19/AA,AN,TI/6 (Item 1 from file: 35)  
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01569408  
EMPLOYEE PERCEPTIONS OF FLEXIBLE MANUFACTURING PROCESS, STRATEGIES, AND  
STRUCTURES AND THEIR EFFECT ON PRODUCTION EFFICIENCY

19/AA,AN,TI/7 (Item 2 from file: 35)  
DIALOG(R)File 35:(c) 2005 ProQuest Info&Learning. All rts. reserv.

01203116  
AN INTEGRATED MRP AND JIT PRODUCTION PLANNING AND SCHEDULING SYSTEM  
(INTEGRATED SYSTEMS)

19/AA,AN,TI/8 (Item 3 from file: 35)  
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01118012  
FLEXIBLE MANUFACTURING STRATEGIES, TECHNOLOGIES, AND STRUCTURES: A  
CONTINGENCY-BASED EMPIRICAL ANALYSIS (MANUFACTURING)

19/AA,AN,TI/9 (Item 1 from file: 256)  
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00116896

**TITLE: Quick Configuration Helps Amdahl Make the Sale**

19/AA,AN,TI/10 (Item 1 from file: 8)  
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05690017

E.I. No: EIP00115390285

Title: Impact of information systems technology on operations management

19/AA,AN,TI/11 (Item 2 from file: 8)  
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

05507858

E.I. No: EIP00035093527

Title: Crystallizing demand-based manufacturing

19/AA,AN,TI/12 (Item 3 from file: 8)  
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05151374

E.I. No: EIP98114433884

Title: Operations management education - a curriculum at the crossroads

19/AA,AN,TI/13 (Item 4 from file: 8)  
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04206201

E.I. No: EIP95072777856

Title: Computer-integrated manufacturing: a perspective

19/AA,AN,TI/14 (Item 5 from file: 8)  
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04178349

E.I. No: EIP95062727448

Title: Application of hybrid production management techniques in industry

19/AA,AN,TI/15 (Item 6 from file: 8)  
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04122029

E.I. No: EIP95032640923

Title: Three dimensions of CIM

19/AA,AN,TI/16 (Item 7 from file: 8)  
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

02984097

E.I. Monthly No: EIM9011-044640

Title: AUTOFACT '89.

19/AA,AN,TI/17 (Item 8 from file: 8)  
DIALOG(R)File 8:(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

02115042

E.I. Monthly No: EIM8608-057771

Title: 1985 FALL INDUSTRIAL ENGINEERING CONFERENCE.

19/AA,AN,TI/18 (Item 1 from file: 94)  
DIALOG(R)File 94:(c)2005 Japan Science and Tech Corp(JST). All rts.  
reserv.

01564115 JICST ACCESSION NUMBER: 92A0187406  
Special issue : production system case. The approach to CIM and the process  
management system of autonomous decentralized control in OUK.



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(c) 2005 The Gale Group
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(c) 2005 ProQuest Info&Learning
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(c) 2005 The Gale Group
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File 148:Gale Group Trade & Industry DB 1976-2005/Feb 21
(c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Feb 23
(c) 2005 The Gale Group
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Set	Items	Description
S1	18389723	FULFILLMENT OR SUPPLY OR SUPPLYCHAIN OR PRODUCTION OR ORDER??? OR PURCHAS??? OR (GET? ? OR GETTING OR BUY??? OR OBTAIN? - ?? OR PROCUR?) (3N) (GOODS OR SUPPLIES OR COMPONENTS OR RAW() MATERIALS)
S2	1156359	JUST(2W)TIME OR JIT OR (AVAILABLE OR CAPABLE) (2W) PROMISE OR ATP OR AATP OR CTP OR ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR TO() ORDER
S3	1322636	FRONT() END OR FRONTEND OR INTERFACE OR GUI OR (GRAPHIC?? OR SYMBOL?? OR VISUAL) () (REPRESENTATION? OR DISPLAY???) OR WYSIWYG
S4	2257411	BACK() END OR BACKEND? ? OR DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE - ) (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR RDBMS OR DBMS OR OODB OR KNOWLEDGEBASE
S5	5499493	COHEREN?? OR (DATA OR INFORMATION OR CONTENT) (3N) INTEGRITY OR INTEGRAT??? OR CONCURREN?? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNCHRONIC? OR SYNC??? OR CONFORM? OR CORRELAT? - ?? OR CORELAT??? OR CONGRUITY
S6	12536	S2(10N) (S1(5N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR ORGANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR - OPERAT??? OR PLAN? ? OR PLANNING))
S7	9221	S5(10N) (S3(10N) S4)
S8	1	S6(S) S7
S9	1	S8(S) (PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MORE - OR SOME OR FEW OR NUMEROUS OR MANY OR PROFUSION OR NUMBER OR - QUANTIT??? OR MYRIAD OR MULTITUDINOUS)
S10	1	S8(S) (PROCESS?R? ? OR COMPUTER? ? OR SERVER? ? OR FILESERVER? ? OR DRIVE? ? OR HARDDRIVE? ? OR WEBSERVER? ? OR CPU? ? OR SYSTEM? ? OR TIMESERVER?)
S11	1	S9(7N) S10
S12	23	S6 AND S7
S13	11	S12 NOT PY>2000
S14	11	S13 NOT PD=20001006:20050331
S15	8	RD (unique items)

15/3,K/1 " (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01501617 01-52605

**Immediate information**

Anonymous

Manufacturing Systems What's Next for Windows NT? Supplement PP: 40A-44A  
Jun 1997

ISSN: 0748-948X JRNL CODE: MFS

WORD COUNT: 1836

...TEXT: from back to front. This makes it easy for employees to learn applications," says Ford.

**Integration**

Finally, having Microsoft Windows on the **back end** and **front end** of the system simplifies data **integration** from one Windows-based application to another.

"The cut-and-paste feature works well between...even these procedures are simply a matter of a few point-and-click operations," says Herron.

**Just -in- time** practices The MSS system keeps close track of customer **orders**, **production** schedules, materials **planning** and procurement, inventory, and costs. "The key benefit has been our people have more information..."

15/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00937258 95-86650

**Information systems development for concurrent engineering**

Wilson, Francis A; Wilson, John N

Integrated Manufacturing Systems v5n3 PP: 4-9 1994

ISSN: 0957-6061 JRNL CODE: ING

WORD COUNT: 3865

...TEXT: among the functional areas involved. This problem is exacerbated by the use of different proprietary **databases**. Under these circumstances the provision of a **coherent interface** to all data involved is still a challenge to current commercial technology.

CEIS AND THE...Earl, M.J., Management Strategies for Information Technology, Prentice-Hall, London, 1989.

16. Sewell, G., " **Management Information Systems for JIT Production** ", OMEGA International Journal of **Management Science**, Vol. 18 No. 5, 1990, pp. 491-503.

17. Stamper, R., "Management Epistemology: Garbage..."

15/3,K/8 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04117922 SUPPLIER NUMBER: 08021181 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Assembly software sizzles. (computer-integrated manufacturing system programs; includes related articles)**

Schwartz, Walter H.

Assembly Engineering, v32, n10, p31(5)

Oct, 1989 "

ISSN: 0004-5063

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 3457

LINE COUNT: 00298

... routing, and manpower planning.

A just-in-time module supports the key techniques that comprise **JIT**, zero inventory, total quality **control**, repetitive make-to-schedule **production**, and vendor **management**. Each BPCS module integrates with BPCS/ **JIT** to support the critical functions needed for JIT implementation.

Computer Solutions' (Burlington, MA) Growthpower is...ll likely find yourself developing application software in-house.

3. Does the software support many **database** management systems ( **DBMS** ) and other popular conventions? This **interface** capability is key to plant-wide **integration**.

4. Does the software support dumb terminals and intelligent devices? Having access to information distributed...

15/AA,AN,TI/1 (Item 1 from file: 15)  
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

01501617 01-52605  
Immediate information

15/AA,AN,TI/2 (Item 2 from file: 15)  
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

00937258 95-86650  
Information systems development for concurrent engineering

15/AA,AN,TI/3 (Item 1 from file: 16)  
DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

07290763 Supplier Number: 61848571  
ebuyxpress.com, Leading B2B MRO Procurement Web Site, Cuts Cost of Goods  
20% by Eliminating Distribution Layer and Aggregating Millions in Buying  
Power.

15/AA,AN,TI/4 (Item 2 from file: 16)  
DIALOG(R)File 16:(c) 2005 The Gale Group. All rts. reserv.

04283401 Supplier Number: 46276944  
Expersoft unveils first "NT-centric" distributed object management  
environment.

15/AA,AN,TI/5 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

11763764 SUPPLIER NUMBER: 57485725  
Hydrocarbon Processing's Advanced Control and Information Systems  
'99.(innovations in control hardware and software packages)

15/AA,AN,TI/6 (Item 2 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

10301618 SUPPLIER NUMBER: 20872517  
Technology delivers profits. (more efficient delivery due to technology  
solutions)

15/AA,AN,TI/7 (Item 3 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

08124425 SUPPLIER NUMBER: 17389671  
Plastics technology: manufacturing handbook & buyers' guide 1995/96.(Buyers  
Guide)

15/AA,AN,TI/8 (Item 4 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

04117922 SUPPLIER NUMBER: 08021181  
Assembly software sizzles. (computer-integrated manufacturing system  
programs; includes related articles)

?show files;ds  
File 476:Financial Times Fulltext 1982-2005/Feb 23  
(c) 2005 Financial Times Ltd  
File 610:Business Wire 1999-2005/Feb 23  
(c) 2005 Business Wire.  
File 613:PR Newswire 1999-2005/Feb 23  
(c) 2005 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Feb 22  
(c) 2005 The Gale Group  
File 624:McGraw-Hill Publications 1985-2005/Feb 22  
(c) 2005 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2005/Feb 20  
(c) 2005 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Feb 23  
(c) 2005 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	5383519	FULFILLMENT OR SUPPLY OR SUPPLYCHAIN OR PRODUCTION OR ORDER??? OR PURCHAS??? OR (GET? ? OR GETTING OR BUY??? OR OBTAIN? - ?? OR PROCUR?) (3N) (GOODS OR SUPPLIES OR COMPONENTS OR RAW() MATERIALS)
S2	415893	JUST(2W)TIME OR JIT OR (AVAILABLE OR CAPABLE) (2W)PROMISE OR ATP OR AATP OR CTP OR ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS OR WHEN) (2W) (NEEDED OR REQUIRED) OR TO()ORDER
S3	506544	FRONT()END OR FRONTEND OR INTERFACE OR GUI OR (GRAPHIC?? OR SYMBOL?? OR VISUAL) () (REPRESENTATION? OR DISPLAY???) OR WYSIWYG
S4	822180	BACK()END OR BACKEND? ? OR DATABASE? ? OR DATABANK? ? OR DATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE) () (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR RDBMS OR DBMS OR OODB OR KNOWLEDGEBASE
S5	2410537	COHEREN?? OR (DATA OR INFORMATION OR CONTENT) (3N)INTEGRITY OR INTEGRAT??? OR CONCURREN?? OR ALIGN??? OR SYNCHRONIS? OR SYNCHRONIZ? OR SYNCHRONIC? OR SYNC??? OR CONFORM? OR CORRELAT? - ?? OR CORELAT??? OR CONGRUITY
S6	10444119	PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MORE OR SOME OR FEW OR NUMEROUS OR MANY OR PROFUSION OR NUMBER OR QUANTIT??? OR MYRIAD OR MULTITUDINOUS
S7	6621187	PROCESS?R? ? OR COMPUTER? ? OR SERVER? ? OR FILESERVER? ? - OR DRIVE? ? OR HARDDRIVE? ? OR WEBSERVER? ? OR CPU? ? OR SYSTEM? ? OR TIMESERVER?
S8	4307	S2(10N) (S1(5N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR ORGANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR - OPERAT??? OR PLAN? ? OR PLANNING))
S9	3781	S5(10N) (S3(10N)S4)
S10	1107283	S6(7N)S7
S11	0	S8(S)S9(S)S10
S12	2	S8 AND S9 AND S10
S13	197020	S5(10N) (S3 OR S4 OR S10)
S14	36	S8(S)S13
S15	38	S12 OR S14
S16	21	S15 NOT PY>2000
S17	17	S16 NOT PD=20001006:20050331
S18	12	RD (unique items)

18/3,K/6 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

04092325 Supplier Number: 53873005 (USE FORMAT 7 FOR FULLTEXT)  
**CATALYST SOLUTIONS: Catalyst Solutions brings Ironworks to Europe.**  
M2 Presswire, pNA  
Feb 12, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 594

... for Ironworks is endless" said Justin Owen. "From catalogues to field sales support, to enhancing just -in- time processes: basically anyone who faces logistical and chain supply management issues should be interested in seeing how this product can facilitate e-business and ERP. It offers companies great benefits in terms of speed, scalability, security, and seamless integration, including NT and AS/400 platforms."  
"While some ERP systems may have an integrated internet module, typically, this only provides the framework," explained Justin. "The customer still has to..."

18/3,K/7 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

03683626 Supplier Number: 47947050 (USE FORMAT 7 FOR FULLTEXT)  
**INDUSTRY BRIEFS**  
Electronic Commerce News, v2, n35, pN/A  
Sept 1, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; General  
Word Count: 555

... Advanced Planner and Optimizer (APO) component is integrated into the R/3 applications and provides: Supply Chain Cockpit, an interface to manage integration between decisions and execution; Available to Promise, for performing rules- based checks on product and resource availability and allocation of goods between...

18/3,K/10 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0803969 AT001  
**AMERICAN SOFTWARE SELECTED FOR ORACLE'S COOPERATIVE APPLICATIONS INITIATIVE**

DATE: April 3, 1995 08:11 EDT WORD COUNT: 432

...s Supply Chain Planning System takes advantage of Release 10 of Oracle Cooperative Applications open integration technology to provide mutual customers with a defined interface and ease of implementation. Clients implementing integrated solutions in a manufacturing facility will immediately realize improvements in production performance, Just -In- Time, Vendor Managed Inventory, Quick Response, ECR, and other Supply Chain Management initiatives based on the improved accuracy, speed and availability of planning information.

"We believe that..."

18/3,K/11 (Item 2 from file: 813)

DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0702972 CL035  
STERLING SOFTWARE SELECTED FOR ORACLE'S COOPERATIVE APPLICATIONS INITIATIVE

DATE: May 5, 1994 17:06 EDT WORD COUNT: 460

...manufacturing.

Sterling's GENTRAN:Basic takes advantage of Release 10 of Oracle Cooperative Applications open **integration** technology to provide mutual customers with a defined **interface** and easy implementation. Clients utilizing these **integrated** solutions in a manufacturing facility will immediately realize improvements in production performance, **Just -In-Time**, Quick Response and Chain **Supply Management** initiatives. Clients implementing a financial system will experience improved cash flow, reduced cost, improved customer...

18/AA,AN,II/1 (Item 1 from file: 610)  
DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

20000727209B3540

Antenna Software Launches First Web-Based Field Service Management  
Solution; AntennaTools 2.0 Promises to Revolutionize \$22 Billion Computer  
Services Market

18/AA,AN,II/2 (Item 2 from file: 610)  
DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

20000725207B0236

FatWire's UpdateEngine Selected to Power Global Supply Net's Web  
Infrastructure

18/AA,AN,II/3 (Item 3 from file: 610)  
DIALOG(R)File 610:(c) 2005 Business Wire. All rts. reserv.

19991006279B0258

Empire Technologies Announces Signing Of Letter Of Intent With U.S. Based  
Software Firm, Analytical Software, Inc.

18/AA,AN,II/4 (Item 1 from file: 621)  
DIALOG(R)File 621:(c) 2005 The Gale Group. All rts. reserv.

01364421 Supplier Number: 46276944  
Expertssoft unveils first "NT-centric" distributed object management  
environment.

18/AA,AN,II/5 (Item 1 from file: 636)  
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

04419271 Supplier Number: 55634843  
DATALINK CHORUS: Chorus set to slash the cost of in in-bound telemarketing  
with launch of WebTrader.

18/AA,AN,II/6 (Item 2 from file: 636)  
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

04092325 Supplier Number: 53873005  
CATALYST SOLUTIONS: Catalyst Solutions brings Ironworks to Europe.

18/AA,AN,II/7 (Item 3 from file: 636)  
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

03683626 Supplier Number: 47947050  
INDUSTRY BRIEFS

18/AA,AN,II/8 (Item 4 from file: 636)  
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.

02180192 Supplier Number: 44108364  
TELEKURS SAYS BYE TO TEKNEKRON; INTRODUCES NEW, DIFFERENT FIMS

18/AA,AN,II/9 (Item 5 from file: 636)  
DIALOG(R)File 636:(c) 2005 The Gale Group. All rts. reserv.



02174939 \* Supplier Number: 44093496

DELIVERY & DISPLAY: TELEKURS FACES PLATFORM DEVELOPMENT WITHOUT TEKNEKRON

18/AA,AN,TI/10 (Item 1 from file: 813)

DIALOG(R)File 813:(c) 1999 PR Newswire Association Inc. All rts. reserv.

0803969

AMERICAN SOFTWARE SELECTED FOR ORACLE'S COOPERATIVE APPLICATIONS INITIATIVE

18/AA,AN,TI/11 (Item 2 from file: 813)

DIALOG(R)File 813:(c) 1999 PR Newswire Association Inc. All rts. reserv.

0702972

STERLING SOFTWARE SELECTED FOR ORACLE'S COOPERATIVE APPLICATIONS INITIATIVE

18/AA,AN,TI/12 (Item 3 from file: 813)

DIALOG(R)File 813:(c) 1999 PR Newswire Association Inc. All rts. reserv.

0508072

SCIENTIFIC-ATLANTA REPORTS RESULTS FOR FOURTH QUARTER AND 1992 FISCAL YEAR

?show files;ds

File 13:BAMP 2005/Feb W2

(c) 2005 The Gale Group

File 75:TGG Management Contents(R) 86-2005/Feb W2

(c) 2005 The Gale Group

File 990:NewsRoom Current Nov 1 -2005/Feb 23

(c) 2005 The Dialog Corporation

File 47:Gale Group Magazine DB(TM) 1959-2005/Feb 18

(c) 2005 The Gale group

File 635:Business Dateline(R) 1985-2005/Feb 23

(c) 2005 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2005/Feb 23

(c) 2005 The Gale Group

File 387:The Denver Post 1994-2005/Feb 22

(c) 2005 Denver Post

File 471:New York Times Fulltext 1980-2005/Feb 23

(c) 2005 The New York Times

File 492:Arizona Repub/Phoenix Gaz 1986-2002/Jan 06

(c) 2002 Phoenix Newspapers

File 494:St LouisPost-Dispatch 1988-2005/Feb 21

(c) 2005 St Louis Post-Dispatch

File 498:Detroit Free Press 1987-2005/Feb 18

(c) 2005 Detroit Free Press Inc.

File 631:Boston Globe 1980-2005/Feb 20

(c) 2005 Boston Globe

File 633:Phil.Inquirer 1983-2005/Feb 21

(c) 2005 Philadelphia Newspapers Inc

File 638:Newsday/New York Newsday 1987-2005/Feb 22

(c) 2005 Newsday Inc.

File 640:San Francisco Chronicle 1988-2005/Feb 23

(c) 2005 Chronicle Publ. Co.

File 641:Rocky Mountain News Jun 1989-2005/Feb 23

(c) 2005 Scripps Howard News

File 702:Miami Herald 1983-2005/Feb 21

(c) 2005 The Miami Herald Publishing Co.

File 703:USA Today 1989-2005/Feb 22

(c) 2005 USA Today

File 704:(Portland)The Oregonian 1989-2005/Feb 22

(c) 2005 The Oregonian

File 713:Atlanta J/Const. 1989-2005/Feb 20

(c) 2005 Atlanta Newspapers

File 714:(Baltimore) The Sun 1990-2005/Feb 23

(c) 2005 Baltimore Sun

File 715:Christian Sci.Mon. 1989-2005/Feb 23

(c) 2005 Christian Science Monitor

File 725:(Cleveland)Plain Dealer Aug 1991-2005/Feb 22

(c) 2005 The Plain Dealer

File 735:St. Petersburg Times 1989- 2005/Feb 20

(c) 2005 St. Petersburg Times

File 476:Financial Times Fulltext 1982-2005/Feb 23

(c) 2005 Financial Times Ltd

File 477:Irish Times 1999-2005/Feb 23

(c) 2005 Irish Times

File 710:Times/Sun.Times(London) Jun 1988-2005/Feb 22

(c) 2005 Times Newspapers

File 711:Independent(London) Sep 1988-2005/Feb 23

(c) 2005 Newspaper Publ. PLC

File 756:Daily/Sunday Telegraph 2000-2005/Feb 23

(c) 2005 Telegraph Group

File 757:Mirror Publications/Independent Newspapers 2000-2005/Feb 16

(c) 2005

Set Items Description

S1 8050683 FULFILLMENT OR SUPPLY OR SUPPLYCHAIN OR PRODUCTION OR ORDE-  
R??? OR PURCHAS??? OR (GET? ? OR GETTING OR BUY??? OR OBTAIN?-

?? OR PROCUR?) (3N) (GOODS OR SUPPLIES OR COMPONENTS OR RAW()MA-  
 TERIALS)

S2 618298 JUST(2W)TIME OR JIT OR (AVAILABLE OR CAPABLE) (2W)PROMISE OR  
 ATP OR AATP OR CTP OR ON(2W) (REQUEST OR DEMAND OR FLY) OR (AS  
 OR WHEN) (2W) (NEEDED OR REQUIRED) OR TO()ORDER

S3 225151 FRONT()END OR FRONTEND OR INTERFACE OR GUI OR (GRAPHIC?? OR  
 SYMBOL?? OR VISUAL) () (REPRESENTATION? OR DISPLAY???) OR WYSI-  
 WYG

S4 564292 BACK()END OR BACKEND? ? OR DATABASE? ? OR DATABANK? ? OR D-  
 ATASET? ? OR DATAFILE? ? OR (DATA OR INFORMATION OR KNOWLEDGE-  
 ) () (BASE? ? OR BANK? ? OR SET? ? OR FILE? ?) OR DB OR RDBMS OR  
 DBMS OR OODB OR KNOWLEDGEBASE

S5 1391126 COHEREN?? OR (DATA OR INFORMATION OR CONTENT) (3N)INTEGRITY  
 OR INTEGRAT??? OR CONCURREN?? OR ALIGN??? OR SYNCHRONIS? OR S-  
 YNCHRONIZ? OR SYNCHRONIC? OR SYNC??? OR CONFORM? OR CORRELAT?-  
 ?? OR CORELAT??? OR CONGRUITY

S7 9196635 PROCESS?R? ? OR COMPUTER? ? OR SERVER? ? OR FILESERVER? ? -  
 OR DRIVE? ? OR HARDDRIVE? ? OR WEBSEVER? ? OR CPU? ? OR SYST-  
 EM? ? OR TIMESERVER?

S8 2949 S2(10N) (S1(5N) (MANAGEMENT OR MANAG??? OR SUPERVIS??? OR RE-  
 GULAT??? OR ADMINISTRATION OR DIRECT??? OR SUPERINTEND? OR OR-  
 GANIZ? OR ORGANIS? OR CONTROL? ? OR CONTROLL? OR HANDL??? OR -  
 OPERAT??? OR PLAN? ? OR PLANNING))

S9 1113 S5(10N) (S3(10N)S4)

S10 1396757 S7(7N) (PLURAL OR PLURALITY OR MULTIPLE? OR SEVERAL OR MORE  
 OR SOME OR FEW OR NUMEROUS OR MANY OR PROFUSION OR NUMBER OR -  
 QUANTIT??? OR MYRIAD OR MULTITUDINOUS)

S11 0 S8(S)S9(S)S10

S12 1 S8 AND S9 AND S10

S13 55143 S5(10N) (S3 OR S4 OR S10)

S14 24 S8(S)S13

S15 76888 S5(20N) (S3 OR S4 OR S10)

S16 36 S8(S)S15

~~S17 37 S12 OR S16~~

S18 17 S17 NOT PY>2000

S19 15 S18 NOT PD=20001006:20050331

S20 15 RD (unique items)

20/3,K/1 (Item 1 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2005 The Gale Group. All rts. reserv.

1176319 Supplier Number: 02553486 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Market Maker's Formula**

(Firmenich SA was able to find more control over the internal and external supply chain process)

Manufacturing Systems B2B Solutions to Command and Control Your Market Supplement, p 14a-15a

July 2000

DOCUMENT TYPE: Journal ISSN: 0748-948X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1065

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...responding to market opportunities.

\* QAD Demand Planner lets planners collaborate in producing both demand and **supply plans** based on historical **demand** patterns, causal factors, marketing plans and other enterprise knowledge. Through a thin-client Java UI (user **interface**), it supports collaborative planning within the enterprise and with suppliers and customers.

\* QAD Supply Chain Optimizer allows the enterprise to **synchronize** global purchasing, manufacturing, product flow and distribution while adhering strategic corporate planning objectives. QAD Supply...

20/3,K/2 (Item 2 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2005 The Gale Group. All rts. reserv.

1166226 Supplier Number: 02440220 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Keep your promises**

(SMTC Manufacturing, contract electronics producer, gives its suppliers and customers access to its production scheduling, manufacturing planning and forecasting data, and also enhanced supply planning and order promising)

Article Author(s): Abramic Dilger, Karen

Manufacturing Systems, v 18, n 4, p 79-84

April 2000

DOCUMENT TYPE: Journal ISSN: 0748-948x (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2063

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...simultaneously when orders are taken."

Nearly 500 suppliers are deploying the Internet supplier action report **system**, and **several** companies are beta testing the customer-based side, including Dell Computer. "Our goal is be...

...marketplaces allows businesses to streamline the order process and expedite fulfillment.

Although having real-time **ATP** data is a crucial piece in the **supply chain planning** puzzle, a number of other functions initially must take place, says Bill Green, a vice...depleted, and back-orders occur."

The response time for delivering ATP must be fast because **systems** only have a **few** seconds to capture and maintain users' attention. Memory-resident technology allows systems to determine promise...

...all the "chaos."

One way to counteract the bull-whip effect is to ensure that **front - end** and **back - end** systems are fully **integrated**, including the messaging layer--whether using EDI or XML--as well as in semantics, so...

...problem to offering Web-based ATP is that companies deploy it in a reactive mode. " **Many systems** take orders on-line for product that is not available," says Rick Burghli, director of...

...of real-time inventory availability, resources, and materials to complete the order, says Burghli. "For **more** elaborate make-to-order products, the **system** checks component availability, labor, and logistics data." The server includes an allocated ATP engine, which...

20/3,K/4 (Item 4 from file: 13)  
DIALOG(R)File 13:BAMP  
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1157736 Supplier Number: 02368281 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**It's about interaction**

(Customer service is essential to Web-enabled order-management solutions for Weidmuller as well as Kaman Music)

Article Author(s): Dilger, Karen Abramic  
Manufacturing Systems, v 18, n 3, p 52,56,58+  
March 2000

DOCUMENT TYPE: Journal ISSN: 0748-948x (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2143

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...commit inventory or capacity to an order, from simple reservation against finished goods to adding **available -to- promise** or **capable -to- promise** functionality from a **planning system**. **Many order - management systems** integrate with advanced **planning & scheduling** (APS) systems to view all constraints.

figure omitted  
Enhanced with a third-party APS...

20/3,K/5 (Item 5 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2005 The Gale Group. All rts. reserv.

1111202 Supplier Number: 01832713 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Software Solutions**

(There are many new software packages aimed at making stock control and warehouse management more efficient for food manufacturers; discusses these packages)

Article Author(s): Byrne, Maureen  
Food Engineering International, v 24, n 1, p 33-38  
February 1999

DOCUMENT TYPE: Journal ISSN: 0148-4478 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2159

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...in JBA System 21 manufacturing, purchasing, telesales and EDI software.

All <sup>4</sup>systems will now be integrated , and the UKPd34 million turnover company will have direct EDI links between its JBA **systems** and its customer base, which includes **many** of the major supermarkets.

According to Derek Lee, IT manager for Bensons Crisps, "The new fully **integrated system** will help us run the business **more** proactively and efficiently because it will reduce time spent keying in customer orders. We will...

...help us to identify and rectify automatically any problems that occur within our rapid response **supply** chain and enable us to **operate** on a **JIT ( just in time )** basis."

photo omitted

JBA's System 21 is a fully integrated business solution comprising finance ...

20/3,K/7 (Item 7 from file: 13)  
DIALOG(R)File 13:BAMP  
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1035059 Supplier Number: 00969752  
**Facing Reality in the Virtual Factory**  
(Simulation allows businesses to make more informed decisions with greater confidence about installing and integrating automated systems or rearranging shop floors)  
Article Author(s): Henning, Kathleen A  
National Productivity Review, v 15, n 4, p 7-14  
Autumn 1996  
DOCUMENT TYPE: Journal ISSN: 0277-8556 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:  
Simulation permits businesses to make more informed decisions with **more** confidence concerning installing and **integrating** automated **systems** or reorganizing shop floors. In addition to the statistical output for decision making, simulation software...

...group technology manufacturing/facility design; labor requirements and scheduling; computer-integrated manufacturing design and analysis; **just -in- time** /lean manufacturing design and analysis; business process reengineering; **production** scheduling; strategic **planning** ; and theory of constraints. Article also discusses simulation as a full life-cycle tool.  
...

20/3,K/8 (Item 1 from file: 75)  
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00223901 SUPPLIER NUMBER: 55206811 (USE FORMAT 7 FOR FULL TEXT)  
**Is e-business for you?(electronic business)**  
Dalton, David  
Strategic Finance, 80, 9, 74(4)  
March, 1999  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1336 LINE COUNT: 00116

... service. The company's goal is to streamline order entry, to maintain a more comprehensive **just -in- time** inventory, and to reduce costs. Through securely **integrating** online **ordering** with its **back -end** financial **management** system, Global Electronics plans to empower its customers to be self-servicing from placing orders...

20/3,K/10 (Item 3 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00146433 SUPPLIER NUMBER: 11716076 (USE FORMAT 7 FOR FULL TEXT)  
Using MRP system to implement JIT in continuous improvement effort.  
(Manufacturing Resource Planning, Just In Time)  
Bermudez, John  
Industrial Engineering, v23, n11, p37(4)  
Nov, 1991  
ISSN: 0019-8234 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3222 LINE COUNT: 00277

... enhancements. The common enhancements that may be required include:  
\* Shop floor schedules - As production is **synchronized** with sales, it becomes more appropriate to schedule quantities or parts rather than shop orders. This allows the **system** to plan a **quantity** of parts over a period of time rather than create shop orders. \* Backflushing - As more...

...enable the backflushing program to maintain these inventory balances. \* Receive to the line - In advanced **JIT** implementations, **purchased** components are received **directly** to their point-of-use on the shop floor. Receiving transactions need to be modified...

20/AA,AN,II/1 (Item 1 from file: 13)  
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1176319 Supplier Number: 02553486  
Market Maker's Formula

20/AA,AN,II/2 (Item 2 from file: 13)  
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1166226 Supplier Number: 02440220  
Keep your promises

20/AA,AN,II/3 (Item 3 from file: 13)  
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1163895 Supplier Number: 02432300  
The right tool for the job

20/AA,AN,II/4 (Item 4 from file: 13)  
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1157736 Supplier Number: 02368281  
It's about interaction

20/AA,AN,II/5 (Item 5 from file: 13)  
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1111202 Supplier Number: 01832713  
Software Solutions

20/AA,AN,II/6 (Item 6 from file: 13)  
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1048383 Supplier Number: 01074251  
Third-Party Time Bombs

20/AA,AN,II/7 (Item 7 from file: 13)  
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1035059 Supplier Number: 00969752  
Facing Reality in the Virtual Factory

20/AA,AN,II/8 (Item 1 from file: 75)  
DIALOG(R)File 75:(c) 2005 The Gale Group. All rts. reserv.

00223901 SUPPLIER NUMBER: 55206811  
Is e-business for you?(electronic business)

20/AA,AN,II/9 (Item 2 from file: 75)  
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00183465 \* SUPPLIER NUMBER: 17424558  
Steel fabricator enhances operations with integrated software system.

20/AA,AN,TI/10 (Item 3 from file: 75)  
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00146433 SUPPLIER NUMBER: 11716076  
Using MRP system to implement JIT in continuous improvement effort.  
(Manufacturing Resource Planning, Just In Time)

20/AA,AN,TI/11 (Item 4 from file: 75)  
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00137533 SUPPLIER NUMBER: 08628028  
How to choose the right CIM systems integrator. (computer integrated  
manufacturing)

20/AA,AN,TI/12 (Item 1 from file: 47)  
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

05507760 SUPPLIER NUMBER: 58633097  
IBM's XML tool extends the reach of DB2 - Extracting and storing data  
become easier with XML Extender 7.1. (Product Announcement)

20/AA,AN,TI/13 (Item 2 from file: 47)  
DIALOG(R)File 47:(c) 2005 The Gale group. All rts. reserv.

03457082 SUPPLIER NUMBER: 09248377  
Managing multiple channels. (combining direct and indirect sales channels)

20/AA,AN,TI/14 (Item 1 from file: 635)  
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92-64646  
Scientific-Atlanta Reports Results for Fourth Quarter and 1992 Fiscal Year

20/AA,AN,TI/15 (Item 1 from file: 570)  
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01816414 Supplier Number: 57443921  
Exhibitor news, views help fuel purchasing decisions. (Statistical Data  
Included)

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L13 0 S L9 AND L10 AND L11  
L14 0 S L9 AND L10  
L15 481 S L6(P) (L4 OR L5 OR L11)  
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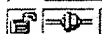
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